

20040216.qrp v03_n198.qrl.20040216

Date: Mon, 16 Feb 2004 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3198

QRP-L Digest 3198

Topics covered in this issue include:

- 1) [168073] head copy
by "JBCrafts" <jbcraft@adelphia.net>
- 2) [168074] RE: [Elmer 160] PIC El Programming Problems
by "Craig Johnson" <cbjohns@cbjohns.com>
- 3) [168075] Re: Ooops: charged Alkalines in NiMH charger....and it worked ;)
by "Mike Yettsko" <myetsko@insydesw.com>
- 4) [168076] Re: [qrp-l] Head Copy Tips...Anyone?
by "DTX" <dtx@wood.tzo.com>
- 5) [168077] DSW-20-RTTY rig's current Q total now in three digits...
by <bill@n4qa.com>
- 6) [168078] FW: Australian backpacks
by Steve Smith <sigcom@juno.com>
- 7) [168079] Elmer 160: Lesson 11
by "John J. McDonough" <wb8rcr@arrl.net>
- 8) [168080] [Elmer 160] FPP and virtual comm ports
by "Philip L. Carter" <pcarter@gcfn.org>
- 9) [168081] TinEar Receiver Kit - reservations online!
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 10) [168082] Re: Head Copy Tips...Anyone?
by Hank Kohl K8DD <k8dd@arrl.net>
- 11) [168083] Forty-Meter XCVR's - How Many Ya' Got?
by "Dennis Payton" <n9jxy@earthlink.net>
- 12) [168084] RE: [qrp-l] Head Copy Tips...Anyone?
by "Paul Ermisch" <paul@ermisch.com>
- 13) [168085] Re: Head Copy Tips...Anyone?
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>
- 14) [168086] Re: K2 - Use it as an antenna impedance analyzer
by brianb <brianb@brianboschma.com>
- 15) [168087] Re: Tin Ear Receiver - reservations
by "Lee Mairs" <lmairs@direcway.com>
- 16) [168088] Re: FW: Australian backpacks
by Bob KB2FEL <kb2fel@yahoo.com>
- 17) [168089] RE: Head Copy Tips...Anyone?
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 18) [168090] RTTY QRP Contest effort
by "LEE HOPPER" <leehopp@msn.com>
- 19) [168091] OA3/VR75 or OB3/VR105 tubes sought for QRP rig

- by Jonathan <kc7fys@yahoo.com>
- 20) [168092] RE: [Elmer 160] PIC E1 Programming Problems
by "Nick Kennedy" <wa5bdu@tcainternet.com>
 - 21) [168093] LogBook of the World
by Tom Mc <redmen1969@optonline.net>
 - 22) [168094] Owe What A Night
by "Jerry Ford" <benlightnd13@mchsi.com>
 - 23) [168095] Re: OA3/VR75 or OB3/VR105 tubes sought for QRP rig
by w5xe@juno.com
 - 24) [168096] Re: Z Antenna Systems
by "Lee Bahr" <pulsarxp@earthlink.net>
 - 25) [168097] RE: Z Antenna Systems
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 26) [168098] RE: Z Antenna Systems
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 27) [168099] RE: LogBook of the World
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 28) [168100] Re: Z Antenna Systems
by "Russ Hines" <wb8zcc@fuse.net>
 - 29) [168101] RE: Learn the code
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 30) [168102] RE: Z Antenna Systems
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 31) [168103] RE: Head Copy Tips...Anyone?
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 32) [168104] RE: head copy
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 33) [168105] RE: [Elmer 160] PIC E1 Programming Problems
by "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>
 - 34) [168106] Re: [qrp-l] Head Copy Tips...Anyone?
by "George, W5YR" <w5yr@att.net>
 - 35) [168107] RE: Australian backpacks
by Adam Farson <farson@shaw.ca>
 - 36) [168108] Re: Head Copy Tips...Anyone?
by "DTX" <dtx@wood.tzo.com>
 - 37) [168109] LOTW and EQSL
by WI8W <rtty@comcast.net>
 - 38) [168110] Re: LogBook of the World
by "Brian Murrey" <brian@iquest.net>
 - 39) [168111] This list is getting too big!
by Kenneth Cooperstein <cprstn54@att.net>
 - 40) [168112] Re: [qrp-l] Head Copy Tips...Anyone?
by "Pieter Gaskin" <pgaskin@twcnny.rr.com>
 - 41) [168113] Re: LogBook of the World
by "Brad Hedges" <bhedges@nc.rr.com>
 - 42) [168114] TRUFFLE Tuesday
by "Doc - W5TB" <w5tb@arrl.net>
 - 43) [168115] Re: This list is getting too big!

- by "Leon Heller" <leon_heller@hotmail.com>
- 44) [168116] Z Antenna Systems [Mini Quad]
by Chuck Carpenter <w5usj@9plus.net>
- 45) [168117] Re: LogBook of the World
by George Fremin III <geoiii@kkn.net>
- 46) [168118] Head copy and Fox Hunts
by Karl Larsen <k5di@zianet.com>
- 47) [168119] Re: LogBook of the World
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 48) [168120] Re: This list is getting too big!
by "George Allgood" <w4gfa@bellsouth.net>
- 49) [168121] morse makes the local news
by Lloyd Lachow <llachow@yahoo.com>
- 50) [168122] Thanks for the responses
by Mercxx@aol.com
- 51) [168123] Re: [fpqrp] morse makes the local news
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 52) [168124] Re: morse makes the local news
by Nick Yokanovich <k3ny@cablespeed.com>
- 53) [168125] Re: OA3/VR75 or OB3/VR105 tubes sought for QRP rig
by Claudia & Reed Park <reedpark@nbnet.nb.ca>
- 54) [168126] Z Antenna Systems [Mini Quad] [Stub Tuning]
by Chuck Carpenter <w5usj@9plus.net>
- 55) [168127] Re: This list is getting too big!
by Rob Matherly <jimrob@jetnetinc.net>
- 56) [168128] RE: LogBook of the World
by "rattray" <rattray@accesscomm.ca>
- 57) [168129] Re: [Elmer 160] FPP and virtual comm ports
by Claudia & Reed Park <reedpark@nbnet.nb.ca>
- 58) [168130] Re: Fw: Z Antenna Systems
by <ah7i@atl.org>
- 59) [168131] RE: LogBook of the World
by "rattray" <rattray@accesscomm.ca>
- 60) [168132] RE: This list is getting too big!
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
- 61) [168133] Re: OA3/VR75 or OB3/VR105 tubes sought for QRP rig
by "Bruce Shaw" <ag4ny@intergate.com>
- 62) [168134] Re: LogBook of the World
by "John Harper AE5X" <john@ae5x.com>
- 63) [168135] RE: LogBook of the World
by "K4BX" <k4bx@charter.net>
- 64) [168136] [Elmer 160] Just to be sure
by Jean Jibouleau <jiboulj@globetrotter.net>
- 65) [168137] LogBook of the World
by "Bill Rowlett" <kc4atu@hotmail.com>
- 66) [168138] Re: Fw: Z Antenna Systems
by "Russ Hines" <wb8zcc@fuse.net>
- 67) [168139] Re: morse makes the local news

by "John A. Evans - N0HJ" <jaevalans@codenet.net>
68) [168140] FS: RHR NC-20
by "Merton Nellis" <mertnellis@msn.com>
69) [168141] Wanted: Index Labs QRP+
by "K. Edwards" <n3eeg@hotmail.com>
70) [168142] Re: [Elmer 160] Just to be sure
by David Willmore <willmore@optonline.net>
71) [168143] Re: [Elmer 160] Just to be sure
by "George Heron N2APB" <n2apb@clearviewcatv.net>
72) [168144] Re: morse makes the local news
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
73) [168145] Re: LOTW and EQSL
by Brian <brian@iquest.net>
74) [168146] Re: Z Antenna Systems
by Steve Smith <sigcom@juno.com>
75) [168147] Re: LogBook of the World
by Bob Nielsen <nielsen@oz.net>
76) [168148] FS: yet more PC laminate, Ge diodes, more goodies
by Brad Thompson <Brad.Thompson@valley.net>
77) [168149] Re: LogBook of the World
by Alex <kr1st@amsat.org>
78) [168150] Re: LogBook of the World
by Alex <kr1st@amsat.org>
79) [168151] Re: NE602 Availability
by "Chetan Bhargava" <list3@bhargavaz.com>
80) [168152] Pic-el Gen in the pic-el
by <n2go@arrl.net>
81) [168153] DC Adapter Query
by "Todd Fonstad" <tfonstad@vbe.com>
82) [168154] WTB: NC-20 converted to 40M or RHR-40
by "Alan Fryer" <N3BJ@hotmail.com>
83) [168155] Re: DC Adapter Query
by "Mike WA8BXN" <hubby2k@hotmail.com>
84) [168156] Re: DC Adapter Query
by WE7X@aol.com
85) [168157] RE: LogBook of the World
by "rattray" <rattray@accesscomm.ca>
86) [168158] Gimp?
by <n2go@arrl.net>
87) [168159] Re: morse makes the local news
by "John A. Evans - N0HJ" <jaevalans@codenet.net>
88) [168160] Re: Gimp?
by Frank Brickle <brickle@pobox.com>
89) [168161] Re: Gimp?
by John Sielke <jsielke@pobox.com>
90) [168162] Re: LogBook of the World
by Stewart Bryant <stewart.bryant@virgin.net>
91) [168163] Re: Gimp?

- by <ah7i@atl.org>
- 92) [168164] PSK Problem Update - Long
by Norman Young <normany@mindspring.com>
 - 93) [168165] OT: QRP set up at Hamfest?
by ARDUJENSKI@aol.com
 - 94) [168166] RE: [Elmer 160] PIC El Programming Problems
by "Craig Johnson" <cbjohns@cbjohns.com>
 - 95) [168167] Re: Gimp?
by Karl Larsen <k5di@zianet.com>
 - 96) [168168] Re: morse makes the local news
by Dale Botkin <dale@botkin.org>
 - 97) [168169] Interesting site
by "john gabbard" <johngabbard@usintouch.com>
 - 98) [168170] QRP ARCI Audio Files
by Jeff Davis <jeff@ke9v.net>
 - 99) [168171] PIC-EL spotted in Canada
by Claudia & Reed Park <reedpark@nbnet.nb.ca>
 - 100) [168172] Neat QRP site
by ARDUJENSKI@aol.com
 - 101) [168173] Re: morse makes the local news
by "Frank Emens" <femens@hiwaay.net>
 - 102) [168174] Re: LogBook of the World
by "Pat Whelton" <pwhelton@earthlink.net>
 - 103) [168175] RE: LogBook of the World
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
 - 104) [168176] RE: Interesting site
by "Tim Kass" <timkass@hotmail.com>
 - 105) [168177] Re: [Elmer 160] PIC El Programming Problems
by "Lee Mairs" <lmairs@direcway.com>

Date: Sun, 15 Feb 2004 19:20:27 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168073] head copy
Message-ID: <AGEJJBFLPLHMOECFDINOEEIOEPAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can only head copy code. The reason is that I wanted to upgrade, so I used a PK232MBX, and every night, I got on 80 meter Novice band and after a short time, found that I was copying the code as I was reading the code. When I was able to continue copying the code as I go up to go get a cold Diet Coke, I hurried to the next exam session. They gave me a piece of practice paper, which I did not use, then after the exam, the picked up the test paper, I

missed one question, but it was all gibberish on the paper that you are supposed to use as you write down the code. They questioned if I really knew the code until I explained how I do code...

I still cannot copy code to paper, but I know what is being said.

Bob K8YS

Date: Sun, 15 Feb 2004 18:33:09 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-1@lehigh.edu>
Subject: [168074] RE: [Elmer 160] PIC E1 Programming Problems
Message-ID: <000b01c3f424\$74625ff0\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin,

>I say this because when I was in program mode, I pressed the "RUN"
>button on FPP GUI and the LED3 went out and the pic started running its
>program. Checking with a voltmeter I find that PIN 4 has .724V, then
>when 'RUN' is pressed it jumps to 11.54V and LED3 goes out.
>Does this seem correct?

Well, it's borderline. The spec says .8v is the maximum you can have for a "low", so you are pushing it at .724v. The high is fine. Mine drops down to .57v for a "low".

>> After the switch is in PROGRAM position, you start FPP. Then,
>> to start the actual programming sequence, FPP must drive the
>> Vpgm line signal down to zero and
>> then quickly up to 12v (or so). This drop to zero should be
>> enough to master clear
>> the PIC and tell it it is being programmed via RB6 and RB7.
>
>Checking this with a voltmeter I get .724V , then when I press OK on the
>message box that pops up "Establishing program mode... OK to program?";
>it jumps up to about 2.04V (Fluke 87 [MIN MAX] 100ms record). Then back
>to .724V again when it fails.

Sorry, but I'm confused. Didn't you say pin 4 (MCLR) went up to 11.54v?
What is it here that is going to 2.04v?

By the way, I would NOT suggest that you use the RUN mode in FPP.
I had not even tried that until you mentioned it here. As I see it, somehow FPP gets the PIC running, but it does it with 12v (Vp_{gm}) on MCLR. I think this may be a problem in some cases. I would suggest that when you want to run the PIC program you flip the PIC-EL switch into RUN mode ("up"). Then the reset button will restart it, etc. When the switch is in RUN mode, we have 5v on MCLR as well as on the PIC's main supply, V_{dd} (pin 14). I think this is a better way to run the PIC program.

73,
Craig, AA0ZZ

Date: Sun, 15 Feb 2004 19:36:03 -0500
From: "Mike Yetzsko" <myetzsko@insydesw.com>
To: <na4fm-list@towncorp.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168075] Re: Ooops: charged Alkalines in NiMH charger....and it worked ;)
Message-ID: <003d01c3f424\$dd8cd460\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I don't profess that I use the "best" method, it just worked when I
> needed it to. :)
>
> I haven't examined the renewals since the price and availability of NiMH
> batteries and chargers is so much more affordable than the
> "good-ole-days".
>
> I have to admit, it is nice to hear someone else that understands
> constant current. I once believed that the only two people in the world
> that knew about it was me and the Tempo corporation from whom I learned
> about it.
>
> Buck

Actually... That is how I used to charge my Kenwood TR-2400 in the car. The normal car charger was a fortune. And step up switchers at the time just generated tons of hash. So I rigged up an LM-317 into a constant current ('or less') type setup and kept my Kenwood topped off.

Only thing was I forgot what happened in I turned the key off in the car...

Date: Sun, 15 Feb 2004 16:57:44 -0800
From: "DTX" <dtx@wood.tzo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168076] Re: [qrp-1] Head Copy Tips...Anyone?
Message-ID: <10d801c3f427\$e33f8a80\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 15, 2004 2:28 PM
Subject: RE: [qrp-1] Head Copy Tips...Anyone?

> A couple of things helped me, I think. One was getting on the air a lot
> (this was a long time ago). Another was just leaving the receiver
> turned on in a moderately crowded band, none too selective, while I was
> doing other things.
>
> One warning though ... if you get used to "head copy" and do nothing
> else, eventually you may lose the ability to "write it down"
> effectively.

Who cares and why would it make any difference? Or was there an implied
"smiley" at the end ;-)

Gary WA6DTX

>
> 72--Nick, WA5BDU
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
> Of Pieter Gaskin
>
>
> The "learn the code" has got me thinking about how one develops head

> copy. Any tips out there to help me improve?How have some of you
> learned? 73/72 Pete N2PG
>
>

Date: Sun, 15 Feb 2004 20:14:30 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [168077] DSW-20-RTTY rig's current Q total now in three digits...
Message-ID: <000801c3f42a\$3c31b440\$0d25ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, guess I'm satisfied now...114 DSW-20-RTTY contacts since 17 November 2003.

The WPX RTTY contest this weekend alone netted 56 Qs, including several DX contacts...and a bunch of stateside ones.

Made RTTY contacts between ~ 14074.5 KHz and ~ 14121.5 KHz in the WPX.

I thought hearing a pileup of CW sigs hollering at the same station was bedlam...but nooo!...hearing many RTTY sigs simultaneously trying to grab one of those killer contest stations...now that's bedlam!

DX worked this weekend, in the order of occurrence:

VE3GSI, VA3PL, ZF2NT, ZX2B, VE2RYY, PY2NY, VE5RI, LV5V, XE1YYD, VE9FX, PV8AZ, HI3TEJ, CT3FQ, 8P2K.

Also nabbed several western states...it was good to work(for a change) California, Oregon, Idaho, Colorado in addition to the more-frequently-worked states in our country's eastern half. Texas is well-represented in this weekend's log.

Wait a sec...there's WN7SIU calling CQ on 14060 CW...shucks, he can't hear me...

Anyway, twenty is nice and quiet with only an occasional CW Q going on as I tune up/dn. There's a few PSK Qs around 14070-14072.

DSW-20-RTTY rig... 1.5 Watts to end-fed wire...4 wavelengths on 20.

Received about four inches of snow this afternoon...should be fun on the roads tomorrow...

Hope everyone had a great QRP weekend.

73,
Bill, N4QA

Date: Sun, 15 Feb 2004 17:17:49 -0800
From: Steve Smith <sigcom@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [168078] FW: Australian backpacks
Message-ID: <20040215.171751.2068.3.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am forwarding this for Larry. I've never seen one of these rigs before today. Could someone on the list help him? TNX

Note: Attachment removed.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

From: "Larry" oseagram "at" iprimus.com.au
To: sigcom "at" juno.com>
Date: Sat, 14 Feb 2004 08:15:47 +0800
Subject: Australian backpacks

Steve,

As promised on CWCOW, attached image of the special forces back pack sets I have awaiting restoration designated as US Army AN/PRC-64A Radio Sets. 4 channel xtal controlled 2.2 - 6 Mhz AM/SSB/CW/5w.
I was wondering if you knew of any QRPers on 80m using these sets or knew of a mailing list to enquire if anyone had constructed a power supply for +32v/+12v/+4v.
best 73's = Larry VK6CP

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Date: Sun, 15 Feb 2004 20:29:53 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168079] Elmer 160: Lesson 11
Message-ID: <009301c3f42c\$612d6850\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

Lesson 11 is now available for your reading enjoyment. This lesson is about programming the PIC, which some of you have already worked out. It also has some additional help in case you are having trouble getting the programming to work.

<http://www.amqrp.org/elmer160/lessons/>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 15 Feb 2004 20:26:38 -0500
From: "Philip L. Carter" <pcarter@gcfn.org>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168080] [Elmer 160] FPP and virtual comm ports
Message-ID: <40301C4E.8030408@gcfn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have found that a com port created with a usb to rs232 adaptor doesn't work with the pic-el. It does work with a standard modem program. Since I can't pass the FPP tests with this setup I will probably have to use a different computer for programming the pic than I do for running MPLab.

Does anyone know of a usb-rs232 adaptor that does work with the picel in Win XP? I am also looking for a usb version of FPP, since real rs232

ports probably won't be on any newer computers (espically laptops). My W98 machine died and I was forced to buy a new one which only has usb ports. Even setting the computer to leagacy usb doesn't help. Any ideas you think I should try?

Phil

Date: Sun, 15 Feb 2004 20:37:09 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [168081] TinEar Receiver Kit - reservations online!
Message-ID: <00ad01c3f42d\$678aef50\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In spite of being away on a business trip, Paul AK1P has been able to pull the hundreds of reservation emails together to come up the first official TinEar Kit Reservations List. Over 150 QRPers have already reserved one of these fun & easy NB6M kits!

Visit http://amqrp.org/kits/tin_ear/tinearstatus.html and enter your name or callsign to see where you are on the list. If the "Paid" field appears, that means he's received your payment ... otherwise we'll be holding a kit with your name on it for a while.

Check the TinEar Receiver Kit web page (http://www.amqrp.org/kits/tin_ear) often for further postings on kitting status and technical information.

73, George N2APB n2apb@amqrp.org
 & Paul AK1P ak1p@amqrp.org
 & Doug KI6DS ki6ds@amqrp.org

Date: Sun, 15 Feb 2004 20:32:43 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: pgaskin@twcnny.rr.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168082] Re: Head Copy Tips...Anyone?
Message-ID: <6.0.3.0.2.20040215202403.0488c568@mail.arenet.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 2/15/2004 03:16 PM, Pieter Gaskin wrote:

> The "learn the code" has got me thinking about how one develops head copy.

First method I used was to tune in a ragchew that was a bit faster than I could copy, sit back in the chair, close my eyes and imagine the CW scrolling across the inside of my forehead. Fell asleep a couple times, but it worked fairly well.

Second method was while mobile - TS-50S and a 40M Hustler on the trunk lip. I was spending a lot of time on the Interstates supporting customers in MI and got real tired of SSB, so I spent a couple thousand miles just copying stations on 40CW on I-75, I-69 and I-94! You don't want to do this in heavy traffic when you're first starting out, but after awhile it's better than listening to Rush or Mitch or whoever is on talk radio. Definitely more interesting, too.

And it helps improve your memory.

73 es GL

Hank K8DD

Date: Sun, 15 Feb 2004 20:57:53 -0500
From: "Dennis Payton" <n9jxy@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [168083] Forty-Meter XCVR's - How Many Ya' Got?
Message-ID: <006901c3f430\$4b5e3aa0\$a02ba3d1@6300us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The discussion about the AmQRP Club's new kit offering, whether we need another 40-meter receiver or not, reminds me of a comment that Wes Hayward makes on his website of getting ribbed by his buddies for owning so many 40-meter transceivers. That motivated me to dig out all of my single band 40-meter rigs and I counted twelve, which really surprised me! The only thing I may have more of, is regenerative receivers. For some reason, I just love building those things, and love the feeling I get tuning in that first station.

Is anybody else interested in sharing their excesses??

Denny Payton N9JXY

Date: Sun, 15 Feb 2004 19:08:51 -0700
From: "Paul Ermisch" <paul@ermisch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168084] RE: [qrp-1] Head Copy Tips...Anyone?
Message-ID: <NHBBIMAFPBCKANGJGAPDCEMKDCAA.paul@ermisch.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Agree. Above 20WPM it's now hard for me to write. But then you start running into physical limitations at that speed too.

I learned to head copy while driving. I used a mobile rig (now my most-frequently-used station) but recordings will also work. It took several months of listening to attain some good comprehension. However, it is ongoing work - above 22 or 23WPM, my comprehension on a ragchew depends on the op's fist and what I ate for breakfast.

Paul NN0C

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Nick Kennedy
> <stuff delete>
>
> One warning though ... if you get used to "head copy" and do nothing
> else, eventually you may lose the ability to "write it down"
> effectively.
>
> 72--Nick, WA5BDU
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
> Of Pieter Gaskin
>
>
> The "learn the code" has got me thinking about how one develops head
> copy. Any tips out there to help me improve? How have some of you
> learned? 73/72 Pete N2PG
>

>

Date: Sun, 15 Feb 2004 21:19:09 -0500
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>
To: qrp-1@lehigh.edu
Subject: [168085] Re: Head Copy Tips...Anyone?
Message-ID: <5.1.0.14.0.20040215211223.009f1870@pop3.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Pete. Keith here in the Depths of the Great Bergen Swamp

I learned to copy in my head by just leaving the rig on in the background while I was in the shack. After a while the copy was just there, sort of the 'subliminal' method I guess.

What was also helpful was running mobile CW on the 40 & 15 Meter Novice bands. I had a 2-resonator Hustler antenna on the car and various solid-state rigs over a 15 year period. It was a wonderful way to shorten a 4 - 7 hour drive also.

Now if I could just get my customers to bring their boiler rooms and utility rooms to me I would not be looking at those drives, and if the work was steadier in this "Robust, Growing Economy" I keep hearing about I would have a rig for CW mobile again...

Some day soon, right.....

73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter beacon
28.2873 MHz on Your Radio Dial - 24/7

Date: Sun, 15 Feb 2004 18:27:36 -0800
From: brianb <brianb@brianboschma.com>
To: qrp-1@Lehigh.EDU
Subject: [168086] Re: K2 - Use it as an antenna impedance analyzer
Message-ID: <40302A98.6090706@brianboschma.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Hi Wayne,

Thanks for the note. I am aware of the inaccuracies and am going to do a modest touch of calibration on my own K2. The L and C values are very useful, thanks for adding that touch to the design. I think even as it is, component variation and strays, I will still find it useful with some of the antenna's I deal with. Getting under 2:1 at the antenna base would be just great in several cases, and the K2 will be a sweet tool in that pursuit. I was not looking for "HP" accuracy, but something more productive than tuning up and down measuring SWR.

Regards,

Brian n6iz

Date: Sun, 15 Feb 2004 21:27:49 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: <n5obc@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168087] Re: Tin Ear Receiver - reservations
Message-ID: <011001c3f434\$7b107a20\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On announcement day I sent an email as directed to request a confirmation number, but I haven't gotten any response to date. Has anyone gotten a confirmation number yet?

73 de Lee
KM4YY/8

Date: Sun, 15 Feb 2004 19:21:36 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: sigcom@juno.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168088] Re: FW: Australian backpacks
Message-ID: <20040216032136.35506.qmail@web60505.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Steve,

Forward this web addy to him. They may have the

manual
for loan.

<<http://mcgp.cellmail.com/database/library.htm>>

Hope it helps

72
Bob
KB2FEL

--- Steve Smith <sigcom@juno.com> wrote:
> I am forwarding this for Larry. I've never seen one
> of these rigs before
> today. Could someone on the list help him? TNX
>
> Note: Attachment removed.
>
> 73.....Steve Smith, WB6TNL
> Oxnard, CA USA
> "Snort Rosin"
>
>
> From: "Larry" oseagram "at" iprimus.com.au
> To: sigcom "at" juno.com>
> Date: Sat, 14 Feb 2004 08:15:47 +0800
> Subject: Australian backpacks
>
>
> Steve,
>
> As promised on CWCOW, attached image of the special
> forces back pack sets
> I have awaiting restoration
> designated as US Army AN/PRC-64A Radio Sets. 4
> channel xtal controlled
> 2.2 - 6 Mhz AM/SSB/CW/5w.
> I was wondering if you knew of any QRPers on 80m
> using these sets or knew
> of a mailing list to
> enquire if anyone had constructed a power supply for
> +32v/+12v/+4v.
> best 73's = Larry VK6CP
>
>

> The best thing to hit the Internet in years - Juno

> SpeedBand!
> Surf the Web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Sun, 15 Feb 2004 21:41:34 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <dtx@wood.tzo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168089] RE: Head Copy Tips...Anyone?
Message-ID: <000301c3f43e\$c66e6860\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gary-

There was a very specific reason it made a difference. Around 1978 my interest in ham radio was experiencing a renewal and I decided to finally go get my extra. Should be simple, with my technical background and apparent CW skills. But I didn't want to embarrass myself, so I studied the License Manual and worked on the code. To my amazement, writing down five minutes of 20 WPM code error free wasn't as easy as it sounded, after 15 years of so of "head copy" and just jotting down a few things. So I began trying to write down every letter sent me in QSOs and it did pay off. And even today, I'll sometimes do that just to show myself that I can.

72--Nick, WA5BDU

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of DTX

>
> One warning though ... if you get used to "head copy" and do nothing

> else, eventually you may lose the ability to "write it down"
> effectively.

Who cares and why would it make any difference? Or was there an implied
"smiley" at the end ;-)

Gary WA6DTX

Date: Mon, 16 Feb 2004 03:44:14 +0000
From: "LEE HOPPER" <leehopp@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [168090] RTTY QRP Contest effort
Message-ID: <BAY4-F25hhiEd4k2sMm0001780a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, gang - ever wonder how well you could do with RTTY & 5 watts? Well,
check this out:

<<http://lists.contesting.com/archives/html/3830/2004-02/msg00486.html>>

400 contacts in about 20 hours - a great effort, IMHO

73 -

Lee, NB7F

Click here for a FREE online computer virus scan from McAfee.
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Sun, 15 Feb 2004 19:45:16 -0800 (PST)
From: Jonathan <kc7fys@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [168091] OA3/VR75 or OB3/VR105 tubes sought for QRP rig
Message-ID: <20040216034516.38942.qmail@web10007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello,
My grandpa is putting together a small rig and asked me if I have any OA3/VR75

or a 0B3/VR105 tubes. He says he had a good ragchew on 7026, and got a 589 from KC9UU.

(Thanks! Grandpa doesn't get on the air often, but he builds beautiful homebrew equipment that will one day be his legacy.) Anyway, if there is anybody in the Minneapolis/St. Paul, MN, USA area or anywhere who'd sell me a couple I'd be much obliged.

72,

KC7FYS on behalf of W0X0

Do you Yahoo!?

Yahoo! Finance: Get your refund fast by filing online.

<http://taxes.yahoo.com/filing.html>

Date: Sun, 15 Feb 2004 21:50:26 -0600

From: "Nick Kennedy" <wa5bdu@tcainternet.com>

To: <adverseyaw@twmi.rr.com>,

"'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [168092] RE: [Elmer 160] PIC El Programming Problems

Message-ID: <000401c3f440\$032c8740\$0400000a@wa5bdu>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

I just finished my PIC-EL this evening and haven't started testing yet, but I did change R27 from 100 ohms to 0 ohms because I don't see that it is needed to limit current when Q3 is ON and it seems that you'd want the 0 state to go as low as possible. Obviously, the 100 ohms works, but you could have the unusual case where you're on the edge.

Maybe you'll want to try a jumper around R27.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Kevin M., W8VOS

> Assuming this is not the problem, I am a little concerned
> about the fact that you think it is "running", even when the
> S1 switch is in PROGRAM mode. Switching from RUN to PROGRAM
> mode should be enough to stop the program because there is
> a momentary loss of +5v on the MCLR pin. Is it possible that
> the MCLR pin (pin 4) is never going to zero?

I say this because when I was in program mode, I pressed the "RUN" button on FPP GUI and the LED3 went out and the pic started running its program. Checking with a voltmeter I find that PIN 4 has .724V, then when 'RUN' is pressed it jumps to 11.54V and LED3 goes out. Does this seem correct?

Date: Sun, 15 Feb 2004 23:07:22 -0500
From: Tom Mc <redmen1969@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168093] LogBook of the World
Message-ID: <001701c3f442\$64b97340\$b34ab818@x2f6a2>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Gang,

I just entered a few more qso's into the ARRL's logbook system. I was wondering if anyone has been having any degree of success with it, as far as "confirmations" go.

I was pretty excited about it when they first mentioned it and then again when it actually started, but at least from point of view, I'm not sure if its catching on or not.

I thought the statistics they are posting were interesting...about 35 million qso's recorded resulting in a bit less than 1 million "qsl's". And either 6,200 or 8,200 active users.

I'm not sure whether or not fewer than 10,000 hams using the system is a good or small amount (seems small to me, but I don't know what they were anticipating).

I've sent about 200 qso's to the system and have only 6 "qsl's"...about 3%

Just wondering if anyone else has had any experience so far.

Tom McCulloch, WB2QDG

Date: Sun, 15 Feb 2004 22:12:32 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>

Subject: [168094] Owe What A Night
Message-ID: <000701c3f443\$1b8b3540\$7238d90c@mchsi.com>

Well, the bands didn't do what we had hoped but over all results weren't bad. The " Run For The Bacon " sprint went off in fine fashion. We had several more new folks joining the fun this month.

I just wanted to take a minute and say thanks to all of you for your participation. I had a great time and I hope you did as well.

Don't forget to get those logs in so we can see a real picture of how things went. Remember, it isn't the score that counts. DID YOU HAVE FUN????? Thats what it's all about !!

It will be next week before I can get the final scores out to you. I'll be down in sunny Florida all week. So, if you need some help with the logger or getting your info posted, drop me a note a.s.a.p. cuz I'm pulling out on Tuesday.

Here's wishing each and every one of you a great week coming up.

72 and a big ole OINK OINK all the way around

Jerry N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Sun, 15 Feb 2004 21:28:32 -0700
From: w5xe@juno.com
To: kc7fys@yahoo.com, qrp-l@lehigh.edu, w5xe@juno.com
Subject: [168095] Re: OA3/VR75 or OB3/VR105 tubes sought for QRP rig
Message-ID: <20040215.212833.-620037.8.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you don't get a response on the list, try Antique Electronics in Mesa

Arizona at www.tubesandmore.com
where they have most of those items
and the prices are not really too bad.
They also have a nice catalog if one asks
for it.

73

Ray

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sun, 15 Feb 2004 22:29:04 -0600
From: "Lee Bahr" <pulsarxp@earthlink.net>
To: <radioham@gmx.co.uk>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168096] Re: Z Antenna Systems
Message-ID: <004601c3f445\$6a5e6dc0\$0740993f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

These very small radiators with all this gain must be using "oxygen free wire"! How else could you achieve such great performance. Let's see, the 80 meter antenna has about 24 feet of wire in it and has 1.73 db gain and a bandwidth of 100 khz with no more than a 2:1 SWR. Is the 1.73 db gain over a dummy load or a dipole in free space? Of course the ad does not say. Does this mean we all need to throw our dipoles away for all this great gain? Don't hold your breath! With this kind of bandwidth I'd suspect the wire indoors could probably heat your house. "When the antenna is used indoors, the SWR is degraded"! What does that mean? I have never heard a ratio depicted in this manner. A ratio is what it is. Does he mean a SWR is higher in the house? It would seem to me a "Proximity Antenna" would have more coupling to the house wiring if the antennas was inside.

Have you ever heard the statement, "If it sounds too good to be true it probably is too good to be true!"
Me thinks I will stay with my present antennas.

Lee Bahr, w0vt
Houston

PS: Anyone want to buy the Brooklyn Bridge? I have it for sale.

----- Original Message -----

From: "Ray Goff" <radioham@gmx.co.uk>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, February 15, 2004 1:15 PM

Subject: RE: Z Antenna Systems

> Could it be a magnetic loop in disguise?

>

> 72/73

>

> Ray, G4FON

>

> > Subject: Z Antenna Systems

> >

> >

> > Anyone tried one of these yet? Comments?

> >

> > <http://home.cogeco.ca/~zantenna/>

> >

> > --

> > Jeff

> >

> >

>

Date: Sun, 15 Feb 2004 23:47:39 -0500

From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>

To: <wb8zcc@fuse.net>,

''Low Power Amateur Radio Discussion'' <qrp-1@Lehigh.EDU>

Subject: [168097] RE: Z Antenna Systems

Message-ID: <001201c3f448\$034bae60\$6401a8c0@deer>

MIME-Version: 1.0

Content-Type: text/plain;
charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Didn't the fellow identify the patent number? If so, look it up at the patent office and it will give you all the specs.

Buck

> -----Original Message-----

> From: Russ Hines [mailto:wb8zcc@fuse.net]

> Sent: Sunday, February 15, 2004 3:12 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Z Antenna Systems

>

>

> No, I haven't tried one of these. You bet, I have some
> thoughts and questions.

>

> 1) I'm not clear what the page author is calling Proximity
> Effect. To what exactly is he referring?

>

> And proximal to what? Ground? Conductors external to the
> antenna? Or other radiators that are part of the antenna?

>

> You can see why this sentence confuses me:

>

> "For best performance, Proximity Effect antennas should be
> installed outdoors in the clear."

>

> 2) 1.73 dBi is not great. A simple dipole is greater than 2
> dBi. But it's small and supposed to be compact, and uses
> small conductors, so I'd expect small gain, small efficiency
> and narrow bandwidth figures. But his bandwidth figures are
> not narrow. In fact, they appear optimistic. Far too
> optimistic for me. I'd wager my dummy load with some wires
> attached to it is has greater bandwidth and might challenge
> that gain figure as well. Maybe not.

>

> 3) I don't know about you but I probably could build a small,
> 1.73 dBi antenna for 80m for a lot less than \$95 plus
> shipping. Maybe not.

>

> 4) I see patents are pending. I guess that means if you ask
> questions, you won't get answers, since they're all
> proprietary, of course. That's convenient. Kind of like Radio Shack.

>

> 5) Hmm, there's a capacitor to facilitate tuning and a choke
> balun attached
> to what looks like a loop of wire on spreaders. By golly,
> looks like it
> could be a resonant circuit. Maybe not.

>
> 6) I don't see any kind of efficiency stats for this antenna.
> How much of my antenna input power is actually radiated?
>
> 7) Things that appear too good to be true, usually are.
>
> I'd like a LOT more information than what's provided on the
> gentleman's web page before I'd plunk \$100 down on something
> like this. But that's just me. Caveat Emptor.
>
> One last comment: I've used a transmatch hooked up to the
> metal heating ductwork in my house. You wouldn't believe the
> performance.
>
> 73,
> Russ
> WB8ZCC
>
>
>
>
> ----- Original Message -----
> From: "Jeff Davis" <jeff@ke9v.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, February 15, 2004 1:48 PM
> Subject: Z Antenna Systems
>
>
> > Anyone tried one of these yet? Comments?
> >
> > <http://home.cogeco.ca/~zantenna/>
> >
> > --
> > Jeff
> >
>
>
>
>
>
>

Date: Sun, 15 Feb 2004 23:52:26 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>

To: <pulsarxp@earthlink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [168098] RE: Z Antenna Systems
Message-ID: <001301c3f448\$b14afc50\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I knew Jim Taylor from Taylor Radio, a big antenna manufacturer in the old CB Craze. He was telling me about the two biggest selling vertical antennas, the Grand Slam and the Big Stick, (I believe thats the names). The biggest achievements in signal strength gain was developed in the Marketting Departments.

Gotta see the test results to really know.

Buck

> -----Original Message-----
> From: Lee Bahr [mailto:pulsarxp@earthlink.net]
> Sent: Sunday, February 15, 2004 11:29 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Z Antenna Systems
>
>
> These very small radiators with all this gain must be using
> "oxygen free wire"! How else could you achieve such great
> performance. Let's see, the 80 meter antenna has about 24
> feet of wire in it and has 1.73 db gain and a
> bandwith of 100 khz with no more then a 2:1 SWR. Is the
> 1.73 db gain over
> a dummy load or a dipole in free space? Of course the ad
> does not say. Does this mean we all need to throw our dipoles
> away for all this great gain? Don't hold your breath! With
> this kind of bandwith I'd suspect the wire indoors could
> probably heat your house. "When the antenna is used indoors,
> the SWR is degraded"! What does that mean? I have never
> heard a ratio depicted in this manner. A ratio is what it
> is. Does he mean a SWR is higher in the house? It would
> seem to me a "Proximity Antenna" would have more coupling to
> the house wiring if the antennas was inside.
>
> Have you ever heard the statement, "If it sounds too good to
> be true it probably is too good to be true! Me thinks I will
> stay with my present antennas.
>
> Lee Bahr, w0vt

> Houston
>
> PS: Anyone want to buy the Brooklyn Bridge? I have it for sale.
>
>
>
>
>
>
>
> ----- Original Message -----
> From: "Ray Goff" <radioham@gmx.co.uk>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Sunday, February 15, 2004 1:15 PM
> Subject: RE: Z Antenna Systems
>
>
> > Could it be a magnetic loop in disguise?
> >
> > 72/73
> >
> > Ray, G4FON
> >
>
> > > Subject: Z Antenna Systems
> > >
> > >
> > > Anyone tried one of these yet? Comments?
> > >
> > > <http://home.cogeco.ca/~zantenna/>
> > >
> > > --
> > > Jeff
> > >
> > >
> >
>
>
>
>
>
>

Date: Mon, 16 Feb 2004 00:00:57 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [168099] RE: LogBook of the World
Message-ID: <001401c3f449\$df832650\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Tom,

I am curious to know, do you use eQSL as well? Personally, I use eQSL as they offer separate awards for contacts. Not to be negative to the League, each (eQSL and LOTW) offer different advantages and purposes for users.

I would like to encourage you to setup an eQSL account if you don't have one and to upload your contacts their too. There are many awards offered to their members through their logbook. Its not that one service is better than the other, they are different and have different advantages.

Thanks

Buck

> -----Original Message-----
> From: Tom Mc [mailto:redmen1969@optonline.net]
> Sent: Sunday, February 15, 2004 11:07 PM
> To: Low Power Amateur Radio Discussion
> Subject: LogBook of the World
>
>
> Hi Gang,
> I just entered a few more qso's into the ARRL's logbook
> system. I was wondering if anyone has been having any degree
> of success with it, as far as "confirmations" go.
>
> I was pretty excited about it when they first mentioned it
> and then again when it actually started, but at least from
> point of view, I'm not sure if its catching on or not.
>
> I thought the statistics they are posting were
> interesting...about 35 million qso's recorded resulting in a
> bit less that 1 million "qsl's". And either 6,200 or 8,200
> active users.
>
> I'm not sure whether or not fewer than 10,000 hams using the

> system is a good or small amount (seems small to me, but I
> don't know what they were anticipating).
>
> I've sent about 200 qso's to the system and have only 6
> "qsl's"...about 3%
>
> Just wondering if anyone else has had any experience so far.
>
> Tom McCulloch, WB2QDG
>
>
>
>

Date: Mon, 16 Feb 2004 00:03:27 -0500
From: "Russ Hines" <wb8zcc@fuse.net>
To: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [168100] Re: Z Antenna Systems
Message-ID: <001701c3f44a\$36c3ba60\$4407c00a@WB8ZCC2>

Nope. Web page just states that "Canadian and American patent applications for this design are pending."

73,
Russ
WB8ZCC

----- Original Message -----
From: "NA4FM (Buck)" <na4fm-list@towncorp.net>
To: <wb8zcc@fuse.net>; "'Low Power Amateur Radio Discussion'"
<qrp-l@Lehigh.EDU>
Sent: Sunday, February 15, 2004 11:47 PM
Subject: RE: Z Antenna Systems

> Didn't the fellow identify the patent number? If so, look it up at the
> patent office and it will give you all the specs.
>
> Buck
>
> > -----Original Message-----

> > From: Russ Hines [mailto:wb8zcc@fuse.net]
> > Sent: Sunday, February 15, 2004 3:12 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re: Z Antenna Systems
> >
> >
> > No, I haven't tried one of these. You bet, I have some
> > thoughts and questions.
> >
> > 1) I'm not clear what the page author is calling Proximity
> > Effect. To what exactly is he referring?
> >
> > And proximal to what? Ground? Conductors external to the
> > antenna? Or other radiators that are part of the antenna?
> >
> > You can see why this sentence confuses me:
> >
> > "For best performance, Proximity Effect antennas should be
> > installed outdoors in the clear."
> >
> > 2) 1.73 dBi is not great. A simple dipole is greater than 2
> > dBi. But it's small and supposed to be compact, and uses
> > small conductors, so I'd expect small gain, small efficiency
> > and narrow bandwidth figures. But his bandwidth figures are
> > not narrow. In fact, they appear optimistic. Far too
> > optimistic for me. I'd wager my dummy load with some wires
> > attached to it is has greater bandwidth and might challenge
> > that gain figure as well. Maybe not.
> >
> > 3) I don't know about you but I probably could build a small,
> > 1.73 dBi antenna for 80m for a lot less than \$95 plus
> > shipping. Maybe not.
> >
> > 4) I see patents are pending. I guess that means if you ask
> > questions, you won't get answers, since they're all
> > proprietary, of course. That's convenient. Kind of like Radio Shack.
> >
> > 5) Hmm, there's a capacitor to facilitate tuning and a choke
> > balun attached
> > to what looks like a loop of wire on spreaders. By golly,
> > looks like it
> > could be a resonant circuit. Maybe not.
> >
> > 6) I don't see any kind of efficiency stats for this antenna.
> > How much of my antenna input power is actually radiated?
> >
> > 7) Things that appear too good to be true, usually are.
> >

> > I'd like a LOT more information than what's provided on the
> > gentleman's web page before I'd plunk \$100 down on something
> > like this. But that's just me. Caveat Emptor.
> >
> > One last comment: I've used a transmatch hooked up to the
> > metal heating ductwork in my house. You wouldn't believe the
> > performance.
> >
> > 73,
> > Russ
> > WB8ZCC
> >
> >
> >
> >
> > ----- Original Message -----
> > From: "Jeff Davis" <jeff@ke9v.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Sunday, February 15, 2004 1:48 PM
> > Subject: Z Antenna Systems
> >
> >
> > > Anyone tried one of these yet? Comments?
> > >
> > > <http://home.cogeco.ca/~zantenna/>
> > >
> > > --
> > > Jeff
> > >
> >
> >
> >
> >
> >
> >
> >
>
>
>

Date: Mon, 16 Feb 2004 00:06:38 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Tom Mc'" <redmen1969@optonline.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [168101] RE: Learn the code
Message-ID: <001501c3f44a\$ad09be40\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

When I learned enough code to copy about 18-22 wpm, I started practicing what I call Phonetic Copy, which is to substitute the phonetics of the letters for the Morse characters. I only did this a short while before being distracted by more important things but I have since heard of a couple of high-speed copiers that use the same method.

The results were that instead of copying the letters down, I started pronouncing them in my head. I am only guessing that 30+ WPMers do this as well or they have operated so long that it becomes natural to "hear" the words more than the letters.

When I tried it, I was very successful for the short time I did it. Now I am just trying to get back to 20 more proficiently.

Buck

> -----Original Message-----
> From: Tom Mc [mailto:redmen1969@optonline.net]
> Sent: Sunday, February 15, 2004 5:34 PM
> To: na4fm-list@towncorp.net; Low Power Amateur Radio Discussion
> Subject: Re: Learn the code
>
>
> I Agree with Buck on this one...I can't write that
> fast...what's the secret I wonder? When you hear the guys
> sending at 30 or 40 wpm what is going on at the receiving
> end? Are they only jotting down key words and phrases, or is
> their something else going on. I do recall having read about
> certain ways to form the various characters (which I don't
> do) that will make the pencil strokes more efficient, but
> even with that, I don't think I can wrote that fast.
>
> Any ideas?
>
> Tom WB2QDG
>
> -----Original Message-----
> From: NA4FM (Buck) <na4fm-list@towncorp.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Sunday, February 15, 2004 5:08 PM

> Subject: RE: Learn the code
>
>
> You are right about someone saying "Do it This way!"
>
> I can't head copy much yet, but I have your problem at 20
> wpm. I can't write any faster than that.
>
> I do have a bit of a cheater though, I use N3FJP's Amateur
> Contact Log that pulls up the information for each call sign
> I put in. As a result, I just listen to see if the name,
> city, etc are the same. I only write down those things that
> are needed, but if we get into a rag-chew, I have to write
> down the text or lose it before he finishes.
>
> I am using the Koch software to strengthen my 20 wpm code
> speed so it is easier to copy. As a result, I think I am
> getting better at higher speeds as well. Sometime soon I
> will probably be copying faster and more in my head.
>
> Buck
>
> > -----Original Message-----
> > From: Dale Anderson (KB0VCC) [mailto:KB0VCC@Adelphia.Net]
> > Sent: Sunday, February 15, 2004 1:52 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re: Learn the code
> >
> >
> > >And until you can almost perfectly copy the
> > >code with a pencil and paper at, say 15 wpm, you shouldn't
> > confusion in
> > >your mind by "head copy". Nearly practitioners of "head
> > copy" are/have
> > >been very experienced practitioners of the art of CW.
> >
> > Gee, I put the pencil down at around 8 wpm after discovering my
> > speed-handicap wasn't the translation from CW to characters
> > but from
> > CW to WRITTEN characters. It took me 2 years of
> > mind-numbing "random
> > code groups" to get to just 5 wpm. Moving to head-copy and
> > NON-random
> > text, my speed increased rapidly. In 3 months, I passed the 20 wpm
> > test (could have passed 28 wpm) when upgrading to General Class.
> > I took that test entirely head-copy. The advantage of
> > non-random text with head-copy is that you basically get
> > instant feedback as to whether what you thought you copied

""Low Power Amateur Radio Discussion"" <qrp-1@Lehigh.EDU>
Subject: [168102] RE: Z Antenna Systems
Message-ID: <001601c3f44a\$f611e130\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ok, I saw a patent number on something referenced in one of these lists
earlier today or last night one.

Thanks for the correction.

Buck

> -----Original Message-----
> From: Russ Hines [mailto:wb8zcc@fuse.net]
> Sent: Monday, February 16, 2004 12:03 AM
> To: NA4FM (Buck); 'Low Power Amateur Radio Discussion'
> Subject: Re: Z Antenna Systems
>
>
> Nope. Web page just states that "Canadian and American
> patent applications for this design are pending."
>
> 73,
> Russ
> WB8ZCC
>
>
>
> ----- Original Message -----
> From: "NA4FM (Buck)" <na4fm-list@towncorp.net>
> To: <wb8zcc@fuse.net>; ""Low Power Amateur Radio Discussion""
> <qrp-1@Lehigh.EDU>
> Sent: Sunday, February 15, 2004 11:47 PM
> Subject: RE: Z Antenna Systems
>
>
> > Didn't the fellow identify the patent number? If so, look
> it up at the
> > patent office and it will give you all the specs.
> >
> > Buck
> >
> > > -----Original Message-----
> > > From: Russ Hines [mailto:wb8zcc@fuse.net]
> > > Sent: Sunday, February 15, 2004 3:12 PM

> > > To: Low Power Amateur Radio Discussion
> > > Subject: Re: Z Antenna Systems
> > >
> > >
> > > No, I haven't tried one of these. You bet, I have some
> thoughts and
> > > questions.
> > >
> > > 1) I'm not clear what the page author is calling
> Proximity Effect.
> > > To what exactly is he referring?
> > >
> > > And proximal to what? Ground? Conductors external to
> the antenna?
> > > Or other radiators that are part of the antenna?
> > >
> > > You can see why this sentence confuses me:
> > >
> > > "For best performance, Proximity Effect antennas should
> be installed
> > > outdoors in the clear."
> > >
> > > 2) 1.73 dBi is not great. A simple dipole is greater
> than 2 dBi.
> > > But it's small and supposed to be compact, and uses small
> > > conductors, so I'd expect small gain, small efficiency and narrow
> > > bandwidth figures. But his bandwidth figures are not narrow. In
> > > fact, they appear optimistic. Far too optimistic for me.
> I'd wager
> > > my dummy load with some wires attached to it is has greater
> > > bandwidth and might challenge that gain figure as well. Maybe not.
> > >
> > > 3) I don't know about you but I probably could build a
> small, 1.73
> > > dBi antenna for 80m for a lot less than \$95 plus shipping. Maybe
> > > not.
> > >
> > > 4) I see patents are pending. I guess that means if you ask
> > > questions, you won't get answers, since they're all
> proprietary, of
> > > course. That's convenient. Kind of like Radio Shack.
> > >
> > > 5) Hmm, there's a capacitor to facilitate tuning and a
> choke balun
> > > attached
> > > to what looks like a loop of wire on spreaders. By golly,
> > > looks like it
> > > could be a resonant circuit. Maybe not.

> > >
> > > 6) I don't see any kind of efficiency stats for this
> antenna. How
> > > much of my antenna input power is actually radiated?
> > >
> > > 7) Things that appear too good to be true, usually are.
> > >
> > > I'd like a LOT more information than what's provided on the
> > > gentleman's web page before I'd plunk \$100 down on something like
> > > this. But that's just me. Caveat Emptor.
> > >
> > > One last comment: I've used a transmatch hooked up to the metal
> > > heating ductwork in my house. You wouldn't believe the
> performance.
> > >
> > > 73,
> > > Russ
> > > WB8ZCC
> > >
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: "Jeff Davis" <jeff@ke9v.net>
> > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > > Sent: Sunday, February 15, 2004 1:48 PM
> > > Subject: Z Antenna Systems
> > >
> > >
> > > > Anyone tried one of these yet? Comments?
> > > >
> > > > <http://home.cogeco.ca/~zantenna/>
> > > >
> > > > --
> > > > Jeff
> > > >
> > >
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>
>

Date: Mon, 16 Feb 2004 00:14:24 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [168103] RE: Head Copy Tips...Anyone?
Message-ID: <001701c3f44b\$c42cc9e0\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I said this in a different thread, but you might practice Phonetic Replacement for the characters.

Instead of writing "C A T", pronounce "Kh a T" phonetically.

I tried this years ago with words and for the little time i practiced, it worked well. Unfortunately, I didn't stick to it and would have to learn it all over again. It goes back to your first grade and kindergarden days but it was effective then, wasn't it?

I have talked to a couple of hams that did this on their own and they copy 30+ WPM but I don't have any formal method of doing it.

Good Luck
Buck

Date: Mon, 16 Feb 2004 00:15:29 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: <jbcraft@adelphia.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [168104] RE: head copy
Message-ID: <001801c3f44b\$e9676da0\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Isn't that what really counts? :)

Buck

> -----Original Message-----

> From: JBCrafts [mailto:jbcraft@adelphia.net]

> Sent: Sunday, February 15, 2004 7:20 PM

> To: Low Power Amateur Radio Discussion

> Subject: head copy

>

>

> I can only head copy code. The reason is that I wanted to
> upgrade, so I used a PK232MBX, and every night, I got on 80
> meter Novice band and after a short time, found that I was
> copying the code as I was reading the code. When I was able
> to continue copying the code as I go up to go get a cold Diet
> Coke, I hurried to the next exam session. They gave me a
> piece of practice paper, which I did not use, then after the
> exam, the picked up the test paper, I missed one question,
> but it was all gibberish on the paper that you are supposed
> to use as you write down the code. They questioned if I
> really knew the code until I explained how I do code...

>

> I still cannot copy code to paper, but I know what is being said.

>

> Bob K8YS

>

>

>

>

>

>

>

>

Date: Mon, 16 Feb 2004 00:19:13 -0500

From: "Kevin M., W8VOS" <adverseyaw@twmi.rr.com>

To: <cbjohns@cbjohns.com>,

 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [168105] RE: [Elmer 160] PIC El Programming Problems

Message-ID: <000101c3f44c\$6f71b2c0\$64dc0a0a@magnus>

MIME-Version: 1.0

Content-Type: text/plain;

 charset="US-ASCII"

Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]

> On Behalf Of Craig Johnson

> Sent: Sunday, February 15, 2004 7:33 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: [Elmer 160] PIC El Programming Problems

>

>

> Kevin,

>

> Well, it's borderline. The spec says .8v is the maximum you

> can have for a "low", so you are pushing it at .724v. The

> high is fine. Mine drops

> down to .57v for a "low".

> >Checking this with a voltmeter I get .724V , then when I press OK on

> >the message box that pops up "Establishing program mode... OK to

> >program?"; it jumps up to about 2.04V (Fluke 87 [MIN MAX] 100ms

> >record). Then back to .724V again when it fails.

>

> Sorry, but I'm confused. Didn't you say pin 4 (MCLR) went up

> to 11.54v?

> What is it here that is going to 2.04v?

Pin 4 is rising and my meter (the Fluke mentioned above) is only able to record about 2.04V before FPP shows a failure and I guess resets MCLR to a lower voltage.

The lowest I can go on the record time is 100ms and I think that it isn't enough time to get the full rise to 11.54V before FPP shuts it down.

Just sitting at idle with FPP, and program switch set to on I get .724V on MCLR. By jumping across R27 (Nick Kennedy suggestion, thanks Nick) it drops to .07V. It still fails the program though.

> By the way, I would NOT suggest that you use the RUN mode in

> FPP. I had not even tried that until you mentioned it here.

> As I see it, somehow FPP gets the PIC running, but it does it

> with 12v (Vpgm) on MCLR. I think this may be a problem in

> some cases. I would suggest that when you want to run the PIC

> program you flip the PIC-EL switch into RUN mode ("up").

> Then the reset button will restart it, etc. When the switch

> is in RUN mode, we have 5v on MCLR as well as on the PIC's

> main supply, Vdd (pin 14). I think this is a better way to run the
> PIC program.

Yeah, I can see that. I couldn't find any documentation on FPP other
than the HTML it came with. The Readme.html explains--

Using FPP

To be completed ...

So, that is pretty helpful.

Thank you for your help so far. I am going to look at lesson 11 now,
and see if can offer any insight.

73/72 - Kevin, W8VOS

Date: Sun, 15 Feb 2004 23:22:14 -0600
From: "George, W5YR" <w5yr@att.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168106] Re: [qrp-1] Head Copy Tips...Anyone?
Message-ID: <024301c3f44c\$d82c0040\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree with Nick (again!). Much of the time in the shack, I will have some
"music" going in the background: some good CW on a busy frequency. After a
while you get to where it makes as much sense as a voice conversation in the
background. You sorta consciously tune it out but still are aware of what is
being said, etc.

To my mind, nothing is better for learning to receive code than listening to
code . . .[g]

73, George W5YR
w5yr@att.net

----- Original Message -----
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 15, 2004 4:28 PM
Subject: RE: [qrp-1] Head Copy Tips...Anyone?

> A couple of things helped me, I think. One was getting on the air a lot

> (this was a long time ago). Another was just leaving the receiver
> turned on in a moderately crowded band, none too selective, while I was
> doing other things.
>
> One warning though ... if you get used to "head copy" and do nothing
> else, eventually you may lose the ability to "write it down"
> effectively.
>
> 72--Nick, WA5BDU
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
> Of Pieter Gaskin
>
>
> The "learn the code" has got me thinking about how one develops head
> copy. Any tips out there to help me improve?How have some of you
> learned? 73/72 Pete N2PG
>
>

Date: Sun, 15 Feb 2004 22:06:29 -0800
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [168107] RE: Australian backpacks
Message-ID: <BLEKJMCJBOEAAIECDNNCAE0FI1AA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Here are links to pictures and descriptions of the PRC-64 and PRC-64A.
According to these pages, they support CW and AM only, not SSB.

The PRC-64A is the same as PRC-64, except that there is an added
'daughterboard' on the transmitter module that improves high-speed keying
performance.

<http://www.qsl.net/vk4czt/prc64.htm>

<http://www.militaryradio.com/spyradio/delco5300.html>

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Steve Smith

Sent: Sunday, February 15, 2004 17:18

To: Low Power Amateur Radio Discussion

Subject: FW: Australian backpacks

I am forwarding this for Larry. I've never seen one of these rigs before today. Could someone on the list help him? TNX

Note: Attachment removed.

73.....Steve Smith, WB6TNL
Oxnard, CA USA
"Snort Rosin"

From: "Larry" oseagram "at" iprimus.com.au
To: sigcom "at" juno.com>
Date: Sat, 14 Feb 2004 08:15:47 +0800
Subject: Australian backpacks

Steve,

As promised on CWCOW, attached image of the special forces back pack sets I have awaiting restoration designated as US Army AN/PRC-64A Radio Sets. 4 channel xtal controlled 2.2 - 6 Mhz AM/SSB/CW/5w.
I was wondering if you knew of any QRPers on 80m using these sets or knew of a mailing list to enquire if anyone had constructed a power supply for +32v/+12v/+4v.
best 73's = Larry VK6CP

Date: Sun, 15 Feb 2004 22:46:28 -0800

From: "DTX" <dtx@wood.tzo.com>

To: <nkennedy@tcainternet.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [168108] Re: Head Copy Tips...Anyone?

Message-ID: <005701c3f458\$9ae1e220\$0c00a8c0@home>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah, yeah, yeah...now I understand what you mean. I was looking at it from the stand point of right now, for new CW ops who want to get their speed up to that magical "Now it is a second language" point where CW becomes conversationally useful. With the current CW test that isn't hardly a test and chances are there will be no test in the near future, that is where I was coming from when I said "What difference does the writing make."

I thought maybe you were doing a tongue-in-cheek comment, like "If you win the \$80 million lottery, you won't be able to get food stamps anymore" <G>

Gary WA6DTX

----- Original Message -----

From: "Nick Kennedy" <wa5bdu@tcainternet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, February 15, 2004 7:41 PM

Subject: RE: Head Copy Tips...Anyone?

> Hi Gary-

>

> There was a very specific reason it made a difference. Around 1978 my
> interest in ham radio was experiencing a renewal and I decided to
> finally go get my extra. Should be simple, with my technical background
> and apparent CW skills. But I didn't want to embarrass myself, so I
> studied the License Manual and worked on the code. To my amazement,
> writing down five minutes of 20 WPM code error free wasn't as easy as it
> sounded, after 15 years of so of "head copy" and just jotting down a few
> things. So I began trying to write down every letter sent me in QSOs
> and it did pay off. And even today, I'll sometimes do that just to show
> myself that I can.

>

>

>

> 72--Nick, WA5BDU

>

>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
> Of DTX

>

> >

> > One warning though ... if you get used to "head copy" and do nothing
> > else, eventually you may lose the ability to "write it down"
> > effectively.

>
> Who cares and why would it make any difference? Or was there an implied
> "smiley" at the end ;-)
>
> Gary WA6DTX
>

Date: Mon, 16 Feb 2004 10:49:00 +0000
From: WI8W <rtty@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [168109] LOTW and EQSL
Message-ID: <4030A01C.1090703@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Gang,

Here is my experience using both EQSL and LOTW.

I started using EQSL about a month after they came on the web. I uploaded about 1000 contacts, went through the Authentication baloney and sat back and waited to see what happened.

After 2 years I had 26 confirmations! That is a amazing 2.6% return on my effort.

Enter September 2003 and the launch of Logbook of the World. I went through the process getting that setup, with a few hichups on the way, and uploaded the same 1000 contacts I sent to EQSL.

Within minutes I had 74 confirmations, nearly 3 time as many as I had with EQSL. Right now I have 2,081 contacts loaded with LOTW and 391 confirmations. That is a 18.78 % return. Not 100% yet but I have a lot of old contacts up there that may never get confirmations. My contacts go back to 1977.

Right now I am 2 states short of WAS RTTY. All confirmed via LOTW.

So why the big difference in return rates between the EQSL and LOTW? Automation. LOTW uses a computer to automatically compare logs as they are loaded. EQSL requires the user to go to the website, login and manually confirm the QSL request. I don't know about you but sometimes I would forget to check my EQSL account, sometimes for several weeks. I

suspect that others do also. I do check my LOTW account every day now.

None the less, the return rate for EQSL is very dismal. I stopped using EQSL last October. I, personally no longer accept EQSL requests.

Last night I uploaded my CQ WPX RTTY contest log (342 contacts) to LOTW and found I already had 93 contacts confirmed. That is a 27.19% return within minutes. I spent the next hour loading the QSL info into Logger32! I get confirmations via LOTW every day now.

Personally, I am sticking with LOTW and you do not need to be a ARRL member to use the LOTW system contrary to many hams opinion.

It will be real interesting to see how the LOTW program turns out.

there it is , for what it's worth

73

Thom WI8W

Date: Mon, 16 Feb 2004 05:54:55 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <redmen1969@optonline.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168110] Re: LogBook of the World
Message-ID: <00e301c3f47b\$50cfdb60\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have 1025 QSO's recorded in LoTW and I have 33 QSL's. About 3% or so.

It'll get better as more hams begin to use the system.

On eQSL I have 1137 QSO's recorded and 83 QSL's.

----- Original Message -----

From: "Tom Mc" <redmen1969@optonline.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, February 15, 2004 11:07 PM

Subject: LogBook of the World

> Hi Gang,

> I just entered a few more qso's into the ARRL's logbook system. I was

> wondering if anyone has been having any degree of success with it, as far as

> "confirmations" go.

>

> I was pretty excited about it when they first mentioned it and then again

> when it actually started, but at least from point of view, I'm not sure if

> its catching on or not.

>

> I thought the statistics they are posting were interesting...about 35

> million qso's recorded resulting in a bit less than 1 million "qsl's".

And

> either 6,200 or 8,200 active users.

>

> I'm not sure whether or not fewer than 10,000 hams using the system is a

> good or small amount (seems small to me, but I don't know what they were

> anticipating).

>

> I've sent about 200 qso's to the system and have only 6

"qsl's"...about 3%

>

> Just wondering if anyone else has had any experience so far.

>

> Tom McCulloch, WB2QDG

>

>

>

Date: Mon, 16 Feb 2004 06:16:27 -0500

From: Kenneth Cooperstein <cprstn54@att.net>
To: qrp-1@Lehigh.EDU
Subject: [168111] This list is getting too big!
Message-ID: <4030A68B.2020901@att.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1; format=flowed
Content-transfer-encoding: 7BIT

I get this reflector in digest form and it is taking too much of my time to get through it. I find the list of titles hard to read as presented and instead search for the string "subject: " over and over.

I could save time if I could skip the threads in which I am not interested.

I could look at the archives in thread form, but then I can't tell which postings I've already read without reading them again. In Usenet, my newsreader reports messages in thread order and keeps track of which postings I've read. This is a key feature, but does not seem to be available here.

Anyone have any suggestions?

Ken KC2JDY

>
>

Date: Mon, 16 Feb 2004 06:28:11 -0500
From: "Pieter Gaskin" <pgaskin@twcnny.rr.com>
To: <qrp-1@Lehigh.EDU>
Cc: <pgaskin@twcnny.rr.com>
Subject: [168112] Re: [qrp-1] Head Copy Tips...Anyone?
Message-ID: <000301c3f47f\$f63e2e40\$b5bc3a18@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone for there tips.I have resolved myself to sitting down everynight before bed and doing some head copying.
The really weird thing I have noticed so far is the brain's ability to copy behind occasionally.I'll be listening to the next word being sent and have "heard" the previous one in my head.Strange?

Also, to a point, the faster and cleaner fists can be easier to follow....problem is I can't send that fast.....yet ;^)

Thanks A Bunch Guys!!

72

Pete

N2PG

Date: Mon, 16 Feb 2004 00:05:16 -0500
From: "Brad Hedges" <bhedges@nc.rr.com>
To: <redmen1969@optonline.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168113] Re: LogBook of the World
Message-ID: <000001c3f489\$77f5cc00\$80222118@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm in about the same boat... 300-odd QSO's listed, I think 21 confirmed... not too many folks using it, it seems. Mostly SSB'ers, from various contests.

I like the idea, but I get a *few* more confirmations through eQSL, and different ones at that, so there doesn't seem to be much overlap. I send mine to both, about once a week or whenever I get around to it. But I've more confirmed electronically than on paper, so I guess it's okay, regardless.

Not much help, huh?

take care,

Brad

K0BHC

----- Original Message -----

From: "Tom Mc" <redmen1969@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 15, 2004 11:07 PM
Subject: LogBook of the World

> Hi Gang,

> I just entered a few more qso's into the ARRL's logbook system. I was
> wondering if anyone has been having any degree of success with it, as far
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> "confirmations" go.

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> I was pretty excited about it when they first mentioned it and then again
> when it actually started, but at least from point of view, I'm not sure if
> its catching on or not.
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> million qso's recorded resulting in a bit less than 1 million "qsl's".
And
> either 6,200 or 8,200 active users.
>
> I'm not sure whether or not fewer than 10,000 hams using the system is a
> good or small amount (seems small to me, but I don't know what they were
> anticipating).
>
> I've sent about 200 qso's to the system and have only 6 "qsl's"...about 3%
>
> Just wondering if anyone else has had any experience so far.
>
> Tom McCulloch, WB2QDG
>

Date: Mon, 16 Feb 2004 06:38:14 -0600
From: "Doc - W5TB" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168114] TRUFFLE Tuesday
Message-ID: <00b501c3f489\$cec32be0\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the privilege of being your truffle this Tuesday -- listen for me
above 040 listening up 1 or so.

Will listen on my freq the last few minutes for the RIT impaired and perhaps
we can create a hole for one of theFOXXI to slip right onto the same
frequency which I will vacate promptly at 0200.

The trouble begins at 0130

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas FP#128
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617
<http://www.qsl.net/w5tb>

Date: Mon, 16 Feb 2004 12:43:25 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <cprstn54@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168115] Re: This list is getting too big!
Message-ID: <BAY12-DAV28AgjTAXxu000006be0@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Kenneth Cooperstein" <cprstn54@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 16, 2004 11:16 AM
Subject: This list is getting too big!

> I get this reflector in digest form and it is taking too much of my time
> to get through it. I find the list of titles hard to read as presented
> and instead search for the string "subject: " over and over.
>
> I could save time if I could skip the threads in which I am not
interested.
>
> I could look at the archives in thread form, but then I can't tell which
> postings I've already read without reading them again. In Usenet, my
> newsreader reports messages in thread order and keeps track of which
> postings I've read. This is a key feature, but does not seem to be
> available here.

I get individual posts, and just skip the uninteresting ones.

73, Leon

--

Leon Heller, G1HSM
Email: aqzfl3@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Mon, 16 Feb 2004 07:02:52 -0600

From: Chuck Carpenter <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168116] Z Antenna Systems [Mini Quad]
Message-ID: <3.0.2.32.20040216070252.00849ac0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Looks like the driven element of a mini quad.

One of my quad references shows them with each side at .14 wavelength. The single quad element in some references is shown to have about 1.5 dB gain over a dipole. May not apply to mini quads though.

These things would be easily built with materials available from hardware stores.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 16 Feb 2004 07:27:44 -0600
From: George Fremin III <geoiii@kkn.net>
To: Tom Mc <redmen1969@optonline.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168117] Re: LogBook of the World
Message-ID: <20040216132744.GA3949@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Feb 15, 2004 at 11:07:22PM -0500, Tom Mc wrote:

> Hi Gang,
>
> I was pretty excited about it when they first mentioned it and then again
> when it actually started, but at least from point of view, I'm not sure if
> its catching on or not.

I think it will catch on - it will take some time - I also think
once they get the awards part of it going it will really take off.

> I've sent about 200 qso's to the system and have only 6 "qsl's"...about 3%
>
> Just wondering if anyone else has had any experience so far.

I have 126,612 QSOs in the system as of this morning.
I have 8,073 QSLs so far.

--

George Fremin III - K5TR
geoiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Mon, 16 Feb 2004 06:28:19 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [168118] Head copy and Fox Hunts
Message-ID: <Pine.LNX.4.44.0402160620570.5247-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You find when your a Fox the only thing that counts is what you write down. The old head copy really messes this up. I do a lot of head copy while mobile. I have a good antenna and get W1AW without much interference in NM. And I have a paddle in the car (my old MFJ) and do work guys while mobile. I have a grease pencil and write down the call, name, age ect. on the window. Works fine and you can read what you need without taking your eyes off the road. Paper towels wipe off an old QSO.

If I didn't do this my written code speed would be a lot faster and more accurate.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 16 Feb 2004 08:28:50 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <redmen1969@optonline.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168119] Re: LogBook of the World
Message-ID: <002501c3f490\$d18220a0\$76da4b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom,

My return rate is about the same - 4%. I have more confirmed QSOs with people I personally know who are using LOTW than DX stations!

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

----- Original Message -----
From: "Tom Mc" <redmen1969@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 15, 2004 11:07 PM
Subject: LogBook of the World

> Hi Gang,
> I just entered a few more qso's into the ARRL's logbook system. I
was
> wondering if anyone has been having any degree of success with it, as
far as
> "confirmations" go.
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And
> either 6,200 or 8,200 active users.
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> good or small amount (seems small to me, but I don't know what they
were
> anticipating).
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> I've sent about 200 qso's to the system and have only 6
"qsl's"...about 3%
>
> Just wondering if anyone else has had any experience so far.
>
> Tom McCulloch, WB2QDG
>
>

Date: Mon, 16 Feb 2004 08:35:58 -0500
From: "George Allgood" <w4gfa@bellsouth.net>
To: <qrp-l@Lehigh.EDU>
Subject: [168120] Re: This list is getting too big!
Message-ID: <00f901c3f491\$cf6e6660\$6101a8c0@yourxhtr8hvc4p>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kenneth,

Try this site:

<http://listserv.lehigh.edu/lists/Archives/qrp-l/index.html#end>

Don't change your subscription, just use this for selective reading.

George Allgood
W4GFA

Date: Mon, 16 Feb 2004 05:52:18 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-l@mpna.com>,
 a low-energy group <qrp-l@lehigh.edu>,
Subject: [168121] morse makes the local news
Message-ID: <20040216135218.55268.qmail@web41013.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

<http://www.baltimoresun.com/news/nationworld/bal-te.morse16feb16,0,2782636.story>

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Mon, 16 Feb 2004 08:55:55 EST
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [168122] Thanks for the responses
Message-ID: <1d4.1a1ac466.2d6225eb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good morning,
Thanks to everyone who responded to my question on the Wilderness Norcal 40
A I appreciate all of the responses.

73
Steve
N4TKP

Date: Mon, 16 Feb 2004 09:03:59 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Lloyd Lachow" <llachow@yahoo.com>,
"Li'l Piggies" <fpqrp-1@mpna.com>,
Subject: [168123] Re: [fpqrp] morse makes the local news
Message-ID: <009701c3f495\$ba709270\$76da4b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Must be a slow news day! ;)

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Mon, 16 Feb 2004 09:12:13 -0500
From: Nick Yokanovich <k3ny@cablespeed.com>
To: Lloyd Lachow <llachow@yahoo.com>
Cc: "Li'l Piggies" <fpqrp-l@mpna.com>,
a low-energy group <qrp-l@lehigh.edu>
Subject: [168124] Re: morse makes the local news
Message-ID: <4030CFBD.1050307@cablespeed.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

But he left out the part where I said most folks would just keep using
'at' because it is simpler to send than the AC prosign.

Nick K3NY
Arnold, MD
I am not a doctor and my name isn't Arnold.

Lloyd Lachow wrote:

> <http://www.baltimoresun.com/news/nationworld/bal-te.morse16feb16,0,2782636.story>
>
> -----
> Do you Yahoo!?
> Yahoo! Finance: Get your refund fast by filing online.
> <http://taxes.yahoo.com/filing.html>
>
>
>

Date: Mon, 16 Feb 2004 10:12:52 -0400
From: Claudia & Reed Park <reedpark@nbnet.nb.ca>
To: kc7fys@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168125] Re: OA3/VR75 or OB3/VR105 tubes sought for QRP rig
Message-ID: <4030CFE4.5A48A65D@nbnet.nb.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jonathan wrote:

> Hello,
> My grandpa is putting together a small rig and asked me if I have any 0A3/VR75
> or a 0B3/VR105 tubes. He says he had a good ragchew on 7026, and got a 589 from
KC9UU.
> (Thanks! Grandpa doesn't get on the air often, but he builds beautiful homebrew
> equipment that will one day be his legacy.) Anyway, if there is anybody in the
> Minneapolis/St. Paul, MN, USA area or anywhere who'd sell me a couple I'd be
much
> obliged.
> 72,
> KC7FYS on behalf of W0X0

If you haven't already found what you are looking for, I would be very happy to
send you one of each if that is what you need. No charge. We homebrew hams
have to stick together. I have enjoyed building stuff for about 38 years as a ham.

7 3
Reed - VE1NU

Looking for information on Marconi SMR-3 and
Northern Electric R8119A receivers of WW 2.

Date: Mon, 16 Feb 2004 08:19:16 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168126] Z Antenna Systems [Mini Quad] [Stub Tuning]
Message-ID: <3.0.2.32.20040216081916.00831380@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A further look into compact quads sez they do have gain over a dipole.
Also some matching to compensate for the short elements is needed --
usually a stub. I can't tell from the pictures but it looks like there is
something there other than just a balun.

----- original message -----

Looks like the driven element of a mini quad.

One of my quad references shows them with each side at .14 wavelength. The
single quad element in some references is shown to have about 1.5 dB gain

over a dipole. May not apply to mini quads though.

These things would be easily built with materials available from hardware stores.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Mon, 16 Feb 2004 08:21:53 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: qrp-l@lehigh.edu
Subject: [168127] Re: This list is getting too big!
Message-ID: <4030D201.5090702@jetnetinc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Kenneth Cooperstein wrote:

> In Usenet, my newsreader reports messages in thread order and keeps
> track of which postings I've read. This is a key feature, but does
> not seem to be available here.
>
> Anyone have any suggestions?

Mozilla mail has a "view messages in thread form" option that, as it states, sorts the messages by subject. Pretty good for deleting entire chunks of mail that you know won't interest you ;-)

--
72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPP-I #19; WATPK #1; SOC #442; ARS #1143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
<http://www.robmatherly.com> <--- Not ham related!

Date: Mon, 16 Feb 2004 08:35:26 -0600
From: "rattray" <rattray@accesscomm.ca>
To: <bhedges@nc.rr.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [168128] RE: LogBook of the World
Message-ID: <000001c3f49a\$2183c2d0\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I just finished getting my 2 calls, VE5RC & VE5QRP certified and have loaded approximately 4400 contacts on LoTW...I'll have to check back about the confirmations...I think so far there's just a few thousand ops who have loaded their data on LoTW but I'm thinking that once a large number of hams do so, then people will see the true value of this project...the potential is there...72 - Bruce ve5rc/ve5qrp

----- Original Message -----
From: "Tom Mc" <redmen1969@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 15, 2004 11:07 PM
Subject: LogBook of the World

> Hi Gang,
> I just entered a few more qso's into the ARRL's logbook system. I was
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> "qsl's"...about 3%
>
> Just wondering if anyone else has had any experience so far.
>
> Tom McCulloch, WB2QDG
>

Date: Mon, 16 Feb 2004 10:36:11 -0400
From: Claudia & Reed Park <reedpark@nbnet.nb.ca>
To: pcarter@gcfn.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168129] Re: [Elmer 160] FPP and virtual comm ports
Message-ID: <4030D55B.7FEC4C5@nbnet.nb.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Philip L. Carter" wrote:

> I have found that a com port created with a usb to rs232 adaptor doesn't
> work with the pic-el. It does work with a standard modem program.
> Since I can't pass the FPP tests with this setup I will probably have to
> use a different computer for programming the pic than I do for running
> MPLab.

That's not the only device that doesn't work with the adapter. When programing
Motorola radios one needs a Radio Interface Box (RIB) that plugs into a
serial port. I had to go back to an older computer to make mine work.

7 3
Reed - VE1NU

Date: Mon, 16 Feb 2004 09:42:02 -0500 (EST)
From: <ah7i@atl.org>
To: Tom Mc <redmen1969@optonline.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168130] Re: Fw: Z Antenna Systems
Message-ID: <Pine.LNX.4.33.0402160934140.4391-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

With no explanation as to how it works, there's no way of knowing.
Perhaps it is supposed to work because a monkey can be taught to ride a bicycle and a chicken can be taught to play the piano?

Maybe it works by incantation. Click your heels and say 'proximity effect'.

All the proximity effect does is increase the losses resulting from the skin effect by changing the current distribution in the wire.

I suspect some clever mechanic could make a small loop have a high resistance leading to a broad bandwidth by employing said effect. However, this is in conflict with the radiation efficiency. I would guess that the efficiency was either calculated with the increased resistance attributed as radiation resistance AND/OR the reactive fields were allowed to masquerade as radiation fields somewhere in the evaluation process.

73,
-Bob

On Sun, 15 Feb 2004, Tom Mc wrote:

>
>
> Looks pretty good -- Are we trying to defy the laws of physics again??
> Tom, WB2QDG
>
>
>
> >-----Original Message-----
> >From: Jeff Davis <jeff@ke9v.net>
> >To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> >Date: Sunday, February 15, 2004 1:55 PM

> >Subject: Z Antenna Systems
> >
> >
> >Anyone tried one of these yet? Comments?
> >
> ><http://home.cogeco.ca/~zantenna/>
> >
> >--
> >Jeff
> >
>

Date: Mon, 16 Feb 2004 08:53:16 -0600
From: "rattray" <rattray@accesscomm.ca>
To: <bhedges@nc.rr.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Cc: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>
Subject: [168131] RE: LogBook of the World
Message-ID: <000001c3f49c\$a3a6f7d0\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I just had a look on LoTW and I have 5,197 Qs on there with 75
confirmations so far...72 - Bruce ve5rc/ve5qrp

Date: Mon, 16 Feb 2004 10:03:14 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: <cprstn54@att.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [168132] RE: This list is getting too big!
Message-ID: <000201c3f49e\$04e8c680\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I use MS Outlook 2002 to read my mail. One of the settings is "download

headers only" which leaves the message on the server but lists the sender's name/address, the recipient's name/address, and the subject line. I don't use it on this email address, but on my others, I can screen my email before downloading it. I can delete those I don't want from the server without taking the time to download them and I can choose to download only those I want to read. I did this mostly to screen spam and viruses out. I haven't discovered a way to do this with Outlook Express but someone told me it can be done there as well.

If you can do this, you may find it to your advantage to switch to messages rather than digest, read the original subject lines first and decide if you want the replies or not, mark to delete those you have no interest in and mark to download those you want.

I hope this is helpful to you.

Buck

> -----Original Message-----

> From: Kenneth Cooperstein [mailto:cprstn54@att.net]

> Sent: Monday, February 16, 2004 6:16 AM

> To: Low Power Amateur Radio Discussion

> Subject: This list is getting too big!

>

>

> I get this reflector in digest form and it is taking too much
> of my time

> to get through it. I find the list of titles hard to read as
> presented

> and instead search for the string "subject: " over and over.

>

> I could save time if I could skip the threads in which I am
> not interested.

>

> I could look at the archives in thread form, but then I can't
> tell which

> postings I've already read without reading them again. In Usenet, my
> newsreader reports messages in thread order and keeps track of which
> postings I've read. This is a key feature, but does not seem to be
> available here.

>

> Anyone have any suggestions?

>

> Ken KC2JDY

>

>

>

> >

> >
>
>
>
>
>

Date: Mon, 16 Feb 2004 10:15:51 -0500
From: "Bruce Shaw" <ag4ny@intergate.com>
To: <reedpark@nbnet.nb.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168133] Re: OA3/VR75 or OB3/VR105 tubes sought for QRP rig
Message-ID: <004101c3f49f\$ca2e1160\$d6200f9d@intergate.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think there is or used to be a antique radio, ham radio consignment shop
off University Ave between Minneapolis and St. Paul also. They might also
be a possible source.

Bruce Shaw
ag4ny

Date: Mon, 16 Feb 2004 10:28:55 -0500
From: "John Harper AE5X" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [168134] Re: LogBook of the World
Message-ID: <000301c3f4a1\$9762ea60\$6401a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

3871 QSOs posted and 128 QSLs = 3%.

I think it will build over time as well but I still prefer good old
fashioned paper QSLs.

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Mon, 16 Feb 2004 09:43:07 -0600
From: "K4BX" <k4bx@charter.net>
To: <redmen1969@optonline.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [168135] RE: LogBook of the World
Message-ID: <200402161543.i1GFhhYj055053@mxsf25.cluster1.charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Tom,
I'm quite happy with my 910 QSL's from 6436 QSO's considering how old some of the contacts in my log are. I do have to say I am disappointed in the number of people signed up so far but more join up everyday and I believe it's future is bright.

One thing I've been noticing is that after I play in a contest and upload the log to LOTW, it's obvious many other testers upload their logs as well. I also read or heard somewhere that the CQ Awards are considering using LOTW.

Bottom line is why not use LOTW? It's somewhat of a hassle to get going but it's free (until you apply for an award).
73 Bill K4BX

Date: Mon, 16 Feb 2004 10:30:48 -0500
From: Jean Jibouleau <jiboulj@globetrotter.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [168136] [Elmer 160] Just to be sure
Message-ID: <000101c3f4a5\$e79e5380\$f497a98e@ve2ghi1>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hello everyone
The PIC-EL kit is at home now and I put the resistors at their places.
Boy, those resistors are real small. You really need to clean your glasses.

The manual said to place test points at various places.
It looks like those test points are placed on the same side of the resistor.
Am I right ?
My first thought was to put the test point UNDER the board.
Which way is the good one ?

Now I will go back to my workbench, lots of stuff to solder.

73 de Jean (VE2GHI)

Date: Mon, 16 Feb 2004 16:05:38 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [168137] LogBook of the World
Message-ID: <BAY14-F500pnTvjsENQ0000d193@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

A little clarification guys, what you get is an electronic confirmation for a QSO, not a QSL.

Second, it is only good for the ARRL awards. Awards from any other group will still need the cards to be sent and received.

I for one, prefer the sending of cards, I do not need instant gratification.

73, Bill kc4atu

Choose now from 4 levels of MSN Hotmail Extra Storage - no more account overload! <http://click.atdmt.com/AVE/go/onm00200362ave/direct/01/>

Date: Mon, 16 Feb 2004 11:15:00 -0500
From: "Russ Hines" <wb8zcc@fuse.net>
To: <ah7i@atl.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168138] Re: Fw: Z Antenna Systems
Message-ID: <008b01c3f4a8\$0740dbc0\$4407c00a@WB8ZCC2>

Here's a scary thought: what if one made this thing out of Litz wire?
Since each strand would be separated by a dielectric, current redistribution in each conductor could be less, reducing individual conductor losses.

Doesn't explain the 2:1 VSWR bandwidth figures, though.

73,
Russ
WB8ZCC

----- Original Message -----

From: <ah7i@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 16, 2004 9:42 AM
Subject: Re: Fw: Z Antenna Systems

>
>
> With no explanation as to how it works, there's no way of knowing.
> Perhaps it is supposed to work because a monkey can be taught to ride a
> bicycle and a chicken can be taught to play the piano?
>
> Maybe it works by incantation. Click your heels and say 'proximity
> effect'.
>
> All the proximity effect does is increase the losses resulting from the
> skin effect by changing the current distribution in the wire.
>
> I suspect some clever mechanic could make a small loop have a high
> resistance leading to a broad bandwidth by employing said effect. However,
> this is in conflict with the radiation efficiency. I would guess that the
> efficiency was either calculated with the increased resistance attributed
> as radiation resistance AND/OR the reactive fields were allowed to
> masquerade as radiation fields somewhere in the evaluation process.
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> 73,
> -Bob
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> On Sun, 15 Feb 2004, Tom Mc wrote:
>
> >
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> > Looks pretty good -- Are we trying to defy the laws of physics again??
> > Tom, WB2QDG
> >
> >
> >

> > >-----Original Message-----
> > >From: Jeff Davis <jeff@ke9v.net>
> > >To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > >Date: Sunday, February 15, 2004 1:55 PM
> > >Subject: Z Antenna Systems
> > >
> > >
> > >Anyone tried one of these yet? Comments?
> > >
> > ><http://home.cogeco.ca/~zantenna/>
> > >
> > >--
> > >Jeff
> > >
> >
>
>

Date: Mon, 16 Feb 2004 09:16:45 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [168139] Re: morse makes the local news
Message-ID: <4030ECED.378FBD69@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ahhhh, but the same folks who won't use the new cw symbol are the ones touting the LOTW and eQSL :)

just kidding :)

72 - john - n0hj

Nick Yokanovich wrote:

> But he left out the part where I said most folks would just keep using
> 'at' because it is simpler to send than the AC prosign.
>
> Nick K3NY
> Arnold, MD
> I am not a doctor and my name isn't Arnold.
>

Date: Mon, 16 Feb 2004 10:21:26 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: MNqrp-1@mailman.qth.net, qrp-1@lehigh.edu
Subject: [168140] FS: RHR NC-20
Message-ID: <BAY3-F23UfKRfcjcMzf0002b6f3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I built both the NC-20 and the Red Hot Radio NC-20. Am keeping the NC-20 for sentimental reasons but want to sell the RHR. It works very good and looks good too. Send me a check for \$105 or Pay-pal and I'll ship it within the USA.

Mert W0UFO MNQRP

w0ufo@arrl.net

Find great local high-speed Internet access value at the MSN High-Speed Marketplace. <http://click.atdmt.com/AVE/go/onm00200360ave/direct/01/>

Date: Mon, 16 Feb 2004 16:27:17 +0000
From: "K. Edwards" <n3eeg@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [168141] Wanted: Index Labs QRP+
Message-ID: <Law9-F125Qgt0M0TWkY000045dd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone have one of these radios they are willing to part with?

Particullarly looking for a non-working unit or a QRP++ (the updated model).

Please give me some estimate of your asking price when you respond.

Thanks!
--Ken

Keep up with high-tech trends here at "Hook'd on Technology."
<http://special.msn.com/msnbc/hookedontech.armx>

Date: Mon, 16 Feb 2004 11:33:40 -0500
From: David Willmore <willmore@optonline.net>
To: jiboulj@globetrotter.net
Cc: qrp-1@Lehigh.EDU
Subject: [168142] Re: [Elmer 160] Just to be sure
Message-ID: <200402161633.i1GGXeLY025843@localhost.localdomain>
Content-transfer-encoding: 7BIT

Hello, Jean!

> The PIC-EL kit is at home now and I put the resistors at their places.
> Boy, those resistors are real small. You really need to clean your glasses.
> The manual said to place test points at various places.
> It looks like those test points are placed on the same side of the resistor.
> Am I right ?

I'm not sure what you mean, sorry. Could you state it differently?

And, yeah, the resistors are small. I'm used to 1/4W resistors, not these 1/8W guys. They do look good on the board--they look right at home next to the little 1N4148 glass diodes. :)

I'm colorblind, so I never read the resistors. I have to trust my meter to measure them well enough. I like the PIC-EL because there were very few resistor values that were even close to one another. Little chance for ambiguity. Not like the PSK-10 I put together a few years back. It had a lot of 47 and 51 ohm resistors. I think I'd need a better meter if I end up doing much of that kind of work again. :)

> My first thought was to put the test point UNDER the board.
> Which way is the good one ?

I left mine unpopulated and I use the probes on my DVM and a hole in the board makes a great test point already. I guess if I used the little clip leads, I might like loops of wire better. Maybe I should look into that. :)

> Now I will go back to my workbench, lots of stuff to solder.

Tell me about it. I volunteered to put together a friend's kits. He's got quite a collection. Whew! Should be fun. :) I like soldering and he likes listening to beeping noises. Everyone is happy.

Cheers,
David N0YMV

Date: Mon, 16 Feb 2004 11:42:54 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [168143] Re: [Elmer 160] Just to be sure
Message-ID: <01aa01c3f4ab\$ee7780e0\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Jean -

Yes, the resistors are small - best to double-check them with an ohmmeter if you are unsure.

The test points actually go on the top of the board, as shown in all the photos in the online manual (<http://www.amqrp.org/elmer160/board/manual/manual.html>). Same side as the silkscreen and all the other components. You *could* install the test points on the bottom of the board, but it will be much more convenient to access them from the top when going through the checkout and Elmer 160 course material.

Good luck in constructing your PICEL board!

73, George N2APB

Date: Mon, 16 Feb 2004 08:49:42 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168144] Re: morse makes the local news
Message-ID: <20040216164942.49894.qmail@web60306.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Nick Yokanovich <k3ny@cablespeed.com> wrote:

> But he left out the part where I said most folks would just keep
> using

> 'at' because it is simpler to send than the AC prosign.
>
> Nick K3NY

AMEN to that Nick. Just sending the word AT was so simple when sending email addresses in RadioGrams. Everyone knew what it was. It's almost as if they have now gone out of their way to make it somewhat difficult by creating this prosign. Go figure.

72, Gary -K8KFJ-

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Mon, 16 Feb 2004 11:52:40 -0500
From: Brian <brian@iquest.net>
To: "" <rtty@comcast.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168145] Re: LOTW and EQSL
Message-ID: <1076950360.4030f55848f8e@webmail.iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

I find that RTTY contest ops uploads logs to LoTW almost immediately.

Quoting WI8W <rtty@comcast.net>:

> Gang,
>
> Here is my experience using both EQSL and LOTW.
>
> I started using EQSL about a month after they came on the web. I
> uploaded about 1000 contacts, went through the Authentication baloney
> and sat back and waited to see what happened.
>
> After 2 years I had 26 confirmations! That is a amazing 2.6% return on
> my effort.
>
> Enter September 2003 and the launch of Logbook of the World. I went
> through the process getting that setup, with a few hichups on the way,
> and uploaded the same 1000 contacts I sent to EQSL.

>
> Within minutes I had 74 confirmations, nearly 3 time as many as I had
> with EQSL. Right now I have 2,081 contacts loaded with LOTW and 391
> confirmations. That is a 18.78 % return. Not 100% yet but I have a lot
> of old contacts up there that may never get confirmations. My contacts
> go back to 1977.
>
> Right now I am 2 states short of WAS RTTY. All confirmed via LOTW.
>
> So why the big difference in return rates between the EQSL and LOTW?
> Automation. LOTW uses a computer to automatically compare logs as they
> are loaded. EQSL requires the user to go to the website, login and
> manually confirm the QSL request. I don't know about you but sometimes I
> would forget to check my EQSL account, sometimes for several weeks. I
> suspect that others do also. I do check my LOTW account every day now.
>
> None the less, the return rate for EQSL is very dismal. I stopped using
> EQSL last October. I, personally no longer accept EQSL requests.
>
> Last night I uploaded my CQ WPX RTTY contest log (342 contacts) to LOTW
> and found I already had 93 contacts confirmed. That is a 27.19% return
> within minutes. I spent the next hour loading the QSL info into
> Logger32! I get confirmations via LOTW every day now.
>
> Personally, I am sticking with LOTW and you do not need to be a ARRL
> member to use the LOTW system contrary to many hams opinion.
>
> It will be real interesting to see how the LOTW program turns out.
>
> there it is , for what it's worth
>
> 73
>
> Thom WI8W
>
>
>
>
>
>
>
>
>

Date: Mon, 16 Feb 2004 08:54:23 -0800

From: Steve Smith <sigcom@juno.com>
To: pulsarxp@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [168146] Re: Z Antenna Systems
Message-ID: <20040216.085429.-343963.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually, the ad does say: "dBi" which is gain over the theoretical isotropic radiator which I believe translates to "wet noodle" :-) .

Anyway, sure looks like a mag. loop to me.

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

--I know you believe you understand what you think I said
but I am not sure you realize that what you heard is not what I meant.--

On Sun, 15 Feb 2004 22:29:04 -0600 "Lee Bahr" <pulsarxp@earthlink.net>
writes:

> Let's see, the
> 80 meter antenna has about 24 feet of wire in it and has 1.73 db
> gain and a
> bandwidth of 100 khz with no more than a 2:1 SWR. Is the 1.73 db
> gain over
> a dummy load or a dipole in free space? Of course the ad does not
> say.
> Lee Bahr, w0vt
> Houston

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 16 Feb 2004 09:03:58 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [168147] Re: LogBook of the World
Message-ID: <20040216170357.GC21400@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Feb 16, 2004 at 08:53:16AM -0600, rattray wrote:

> I just had a look on LoTW and I have 5,197 Qs on there with 75
> confirmations so far...72 - Bruce ve5rc/ve5qrp

2,955 QSOs/302 QSLs here. It appears that the return for contest QSOs is better than for those outside of contests (I have a large number of HC8N and PJ2T confirmations).

72/73,
Bob, N7XY

Date: Mon, 16 Feb 2004 12:14:22 -0500
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168148] FS: yet more PC laminate, Ge diodes, more goodies
Message-ID: <5.0.2.1.2.20040216114040.00a2dad0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

In case you missed my first posting, don't feel left out. I still have FS the following items.
Postage isn't included, so please respond with your QTH when inquiring.

ITT 566 House-numbered germanium diodes, $V_f = 0.25\text{ V}$, $V_{rev} = 25\text{ V}$. max., reverse-recovery time 50 nsec. max. Taped and reeled. Buy 6 for \$1.00 plus postage.

1N914 garden-variety silicon diodes (Telefunken): taped and reeled but tape's adhesive is failing.
You get at last 100 diodes for \$1.00.

TN2219A NPN Si general-purpose transistor (T0-92 with heat-dissipation tab). Buy 20 pcs. for \$1.00,
120 pcs. for \$5.00, 1000 pcs. for \$35.00

Western Electric 66AK NPN silicon (similar to T0-92 pkg.). Buy 20 pcs. for \$1.00

Western Electric 98Y N-ch. JFET (similar to T0-92 pkg.), G_m approx. 8000 micromhos;
Partial specs now available: (V_{gs} (off) approx 2.8 V.; I_{dss} approx 12 mA; BV_{dg} approx. 30 VDC;
(many thanks to Brad Hernlem, KG6IOE, for his research!) Buy 20 pcs. for

\$1.00

JAN TX 2N3866 NPN RF trnstr. T0-5 pkg. The "6L6" of the silicon age<g>. Buy 5 pcs. for \$2.00

MRF-532 Motorola PNP RF complement to MRF-531 and hard to find. Pdiss = 2.5 W T0-39 (similar to T0-5) pkg. Ft of 500 MHz min., 800 MHz typ. Buy 1 for \$1.00, or 6 for \$5.00

Buy the following devices at 8 for \$1.00:

J108 N-channel JFET for audio and RF switching. T0-92. Rds(on) <= 8 ohms.

Taped and reeled

J201 N-channel JFET for audio and RF switching; T0-92 ; bulk packed

MPSW-51 Motorola PNP "Tall" T0-92 pkg. rated for 1-W diss. 30 V; Ft 50 MHz min.. Bulk packaged.

MPS-A42 (Signetics) NPN small-sig., HV bipolar trnstr. Ft = 50 MHz, hfe => 40. Vc = 300V,

Pc= 0.625W, Ic= 0.5A max T0-92

MPSW06, Motorola, but marked w/ Hewlett-Packard p/n 1854-1146 (80 V., NPN gen-purp.

ampl in 1-W "tall" T0-92 pkg.

455 KHz 15-Pole Ceramic Filters, Murata part no. CFS-455E. Specs include. -3 B Bandwidth of +/- 5.5 KHz min.;

Buy one to 9 filters for \$5.00 each, or a factory-sealed box of 10 pieces for \$30.00

PC laminate: single-sided 1-ounce copper on 0.012-inch epoxy-fiberglass.

Dimensions are

10.5 inches long by 5 inches wide. You can cut this laminate for shields and enclosures

by using light-duty metal shears or good-quality scissors. Also, you can use a handheld

0.25-inch paper punch to knock out lots of circular pads for

"Manhattan"-style construction.

Buy a panel for \$1.00 plus postage (shipped between sheets of cardboard in a well-taped

manila envelope).

Heat dissipator: Thermalloy 2225 press-fits onto a T0-5 case and doesn't require a special

tool for installation Thermal resistance sink to ambient (natural convection); 46 degrees C per

watt. Imagine Abe Lincoln's stovepipe hat with two brims and you'll have a

general idea of the
shape. Color: anodized black. Buy 20 pieces for \$1.00, or a lifetime-supply bag
of 500 for \$15.00 (anyone kitting up a new project using t0-5 transistors
or voltage regulators?)
plus postage.

I welcome questions regarding these items. E-mail me for a copy of my
current FS list.

I honor PayPal. personal checks and money orders, and certain credit cards

73--

Brad AA1IP

Brad Thompson
P.O. Box 307
202 Whitaker Rd.
Meriden, NH 03770-0307
Voice: (603) 469-3351
E-mail: brad.thompson@valley.net

Date: Mon, 16 Feb 2004 12:14:10 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168149] Re: LogBook of the World
Message-ID: <4030FA62.B232B0F8@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Tom Mc wrote:

> And
> either 6,200 or 8,200 active users.

It's interesting to see that so many people are willing to hand over
their (log) data without terms of use and privacy statements.

Funny thing though, you have to pay 25 cents per confirmation and no
membership is required. However, if you'd like to apply for a DXCC award
and use those paid-for-credits, you also have to pay for membership on
top of the application fee. Except when you're a foreign applicant, then

membership is not required for DXCC. I'm sure that one day these rules will make sense to me. The Radio Amateur is Patriotic....I know I read that somewhere. Oh, yes, on the inside cover of the 2002 ARRL Annual Report.

My return on eQSL is extremely good. 0 posted QSO's and 137 QSLs apparently. :-)

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Mon, 16 Feb 2004 12:19:47 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168150] Re: LogBook of the World
Message-ID: <4030FBB3.DB9EDB89@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Bill,

K4BX wrote:

> Bottom line is why not use LOTW?

Because I don't want to discourage anyone from sending me a paper QSL and also to keep the QSL printers in business.

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Mon, 16 Feb 2004 09:44:39 -0800
From: "Chetan Bhargava" <list3@bhargavaz.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168151] Re: NE602 Availability
Message-ID: <031a01c3f4b4\$8ff14430\$4301a8c0@Chetan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Arrow Electronics has them for \$1.79 and they have about 970 pieces. Search for SA602.

<http://www.arrow.com>

73,

Chetan Bhargava KG6NFG
<http://www.bhargavaz.net>

> Who sells NE602s?
>
> Regards John VE7CFG
>
>
>

Date: Mon, 16 Feb 2004 13:08:10 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [168152] Pic-el Gen in the pic-el
Message-ID: <Pine.LNX.4.33.0402161253370.20442-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I fired up the Picelgen software 1.3 in Pic el programmer.
As it is it doesn't seem like it will be useful as a VFO with the encode
supplied. At least with the current code. Unless I have a particularly bad
encoder, the frequency jumps quite a bit as I rotate the knob.

On another note:
I just found an interesting project that uses a PIC16F876 in a
50 MHz frequency counter, voltage meter & SWR/PWR indicator.

http://lea.hamradio.si/%7Es57nan/ham_radio/fc_led_2/fcl2.html

It looks like the neatest counter that I have seen so far.
I ordered a blank chip from that guy at Morgan State today....

Anyone located a nice (read "also relatively inexpensive") encoder?

73,

Jim n2go

Date: Mon, 16 Feb 2004 12:25:24 -0600
From: "Todd Fonstad" <tfonstad@vbe.com>
To: <qrp-1@Lehigh.EDU>
Subject: [168153] DC Adapter Query
Message-ID: <000501c3f4ba\$3efd7c00\$1019cfa9@toddfons>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Greetings!

I just purchased a Radio Shack "60W Universal Notebook DC Adapter" to power my old Compaq Presario 1020 laptop directly from a battery for logging Qs while mobile as well as in the field. This way I avoid losses that would be incurred by using an inverter followed by the Compaq's power supply a real advantage when running a rig and computer off a 12V automotive or deep-cycle battery.

The laptop requires 18.6VDC at 2.8A, well within the output rating of the Radio Shack device which can be selected from 12 to 27VDC at a maximum of 3.75A. However, the adapter's INPUT specifications have me puzzled. Input voltage may vary between 11-16 VDC (OK so far), but "Maximum INPUT Power" is rated at 8A (not OK).

I want to run this device off my 17 AH SLA battery as well as my 105 AH deep-cycle marine battery. What I don't understand is why there is a stated maximum INPUT of 8A which would preclude using these batteries. What components in the DC Adapter could possibly be endangered if "exposed" to currents greater than 8A? If my laptop were "consuming" a greater current than this, I'd obviously be exceeding the capabilities of the DC adapter. But what does "amperage" that is simply "available" have to do with anything?

BTW, the device is protected by a 250VOLT, 12A fuse which is contained in the nose of its cigarette lighter plug and seems to also have some sort of automatic shutdown circuit, as is implied in the manual (but otherwise not

referred to or described).

I know this is somewhat off-topic, but as my ignorance is not bliss, I hope to tap into the brainpool that is the heart of this reflector!

72

Todd

N9NE

Date: Mon, 16 Feb 2004 18:27:26 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [168154] WTB: NC-20 converted to 40M or RHR-40
Message-ID: <Law9-0E13kd1qhgQ2b900004ff8@hotmail.com>

Looking for a club offering NC-20 converted to 40M or a RHR-40 at a reasonable price. Please let me know if you have one that is surplus to your needs.

Alan, N3BJ
Bent Mountain, VA

Date: Mon, 16 Feb 2004 13:48:35 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-l@Lehigh.EDU>, <tfonstad@vbe.com>
Subject: [168155] Re: DC Adapter Query
Message-ID: <40311083.000001.03164@etower>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I suspect the 8 A rating is the most it will draw, not something you have to limit (other than by fuse should it fail). The input voltage range is something you have to provide which as you note is no problem.

73/72 - Mike WA8BXN

Date: Mon, 16 Feb 2004 14:23:41 EST
From: WE7X@aol.com
To: tfonstad@vbe.com

Cc: QRP-L@lehigh.edu
Subject: [168156] Re: DC Adapter Query
Message-ID: <d5.55f4a9f.2d6272bd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Todd,

I suspect the 8A max input rating is more related to the total power input handling capability.

If you calculate 3.75 amps output at the max 27 volts; it is very nearly 100 watts of available power on the output end. If you try to get 100 watts out of the inverter at the minimum stated input voltage of 11 volts, you would exceed the 8A input maximum, and possibly damage the internal circuitry. The 12 amp fuse is likely more for short circuit (short term) protection. The end result is that running the inverter at a 100 watt output continuously is likely running the risk of overheating it. You obviously are not in that danger with your laptop.

I'm quite curious as to how much RF noise it might generate. Maybe you would be willing to inform us as to just what your observations may be. I've been somewhat curious about that product myself, for a similar purpose.

Rod Johnson

That is my take on the situation.

Date: Mon, 16 Feb 2004 13:37:05 -0600
From: "ratray" <ratray@accesscomm.ca>
To: <john@ae5x.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>
Subject: [168157] RE: LogBook of the World
Message-ID: <000001c3f4c4\$45b1e680\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I agree with you John...I'll be continuing to use good 'old-fashion' QSL cards sent through the mail AND LoTW...I'm really behind in my QSLing and I'm trying to catch up but in the meantime I can easily and quickly put my Qs on LoTW and hopefully help someone else to achieve an award...here in Saskatchewan we receive QSL cards from our VE5 bureau about twice each year...it's common for cards to come in from a few years back...personally this is not a problem for me...I believe the combination of both makes our hobby even more fun....72 - Bruce
ve5rc/ve5qrp

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of John Harper AE5X

Sent: Monday, February 16, 2004 9:29 AM

To: Low Power Amateur Radio Discussion

Subject: Re: LogBook of the World

3871 QSOs posted and 128 QSLs = 3%.

I think it will build over time as well but I still prefer good old
fashioned paper QSLs.

John Harper AE5X

Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Mon, 16 Feb 2004 14:56:46 -0500 (EST)

From: <n2go@arrl.net>

To: <qrp-1@Lehigh.EDU>

Subject: [168158] Gimp?

Message-ID: <Pine.LNX.4.33.0402161452210.25317-100000@valhalla.v>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I use Gimp to view and print .gif files. It is a linux program.

I can scale and print pcb etching patterns well with it.

Any ideas as to how I can print a mirror image of the pcb pattern?

I don't think Gimp has that as an option unless I missed it.

I could print the image on plastic clear sheet and then scan it at my
office in reverse, then print it on blue film...

I would like to skip that step....

73,

Jim n2go

Date: Mon, 16 Feb 2004 13:12:20 -0700

From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168159] Re: morse makes the local news
Message-ID: <40312424.A4921745@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I don't mean to beat this into the ground, but the problem I see with still using AT for the @sign is that you can't truly tell if it is part of the username or the actual @ sign. In most cases, it may not be a problem, but there may be some cases where there is enough ambiguity to cause an issue. One contrived example: big.bo@attbi.com - is that big.bo@atattbi.com or is it big.bo@attbi.com or is it big.boatat@tbi.com ?? Using the actual @sign prosign would eliminate that sort of confusion.

Garie Halstead K8KFJ wrote:

> AMEN to that Nick. Just sending the word AT was so simple when sending
> email addresses in RadioGrams. Everyone knew what it was. It's almost
> as if they have now gone out of their way to make it somewhat difficult
> by creating this prosign. Go figure.
>
> 72, Gary -K8KFJ-
>
> -----
> Do you Yahoo!?
> Yahoo! Finance: Get your refund fast by filing online.
> <http://taxes.yahoo.com/filing.html>

Date: Mon, 16 Feb 2004 15:17:47 -0500
From: Frank Brickley <brickley@pobox.com>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168160] Re: Gimp?
Message-ID: <4031256B.3040500@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

What do you want to do that you can't do with the Flip Tool?

73

Frank

AB2KT

n2go@arrl.net wrote:

> I use Gimp to view and print .gif files. It is a linux program.
> I can scale and print pcb etching patterns well with it.
> Any ideas as to how I can print a mirror image of the pcb pattern?
> I don't think Gimp has that as an option unless I missed it.
>
> I could print the image on plastic clear sheet and then scan it at my
> office in reverse, then print it on blue film...
>
> I would like to skip that step....
>
> 73,
>
> Jim n2go
>
>
>

Date: Mon, 16 Feb 2004 15:27:47 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [168161] Re: Gimp?
Message-ID: <403127C3.1020200@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

>
>
>I use Gimp to view and print .gif files. It is a linux program.
>I can scale and print pcb etching patterns well with it.
>Any ideas as to how I can print a mirror image of the pcb pattern?
>I don't think Gimp has that as an option unless I missed it.
>
>

Go to "Tools" "Transform" "Flip"

I use it to make transparent panel overlays.

John W2AGN

Date: Mon, 16 Feb 2004 20:49:39 +0000
From: Stewart Bryant <stewart.bryant@virgin.net>
To: kr1st@amsat.org,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [168162] Re: LogBook of the World
Message-ID: <40312CE3.5070300@virgin.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 8bit

> The Radio Amateur is Patriotic....I know I read
> that somewhere. Oh, yes, on the inside cover of the 2002 ARRL Annual
> Report.

That has been in the ARRL Handbook for as far back as I
have seen and I have never understood it. Surely the Radio
Amateur is by definition cosmopolitan? Indeed, surely the
world is a better and safer place for just that reason?

cos mo pol i tan (P) Pronunciation Key (kzm-pl-tn)
adj.

1. Pertinent or common to the whole world: an issue
of cosmopolitan import.
2. Having constituent elements from all over the world
or from many different parts of the world: the
ancient and cosmopolitan societies of Syria and Egypt.
3. So sophisticated as to be at home in all parts of
the world or conversant with many spheres of
interest: a cosmopolitan traveler.
4. Ecology. Growing or occurring in many parts of the
world; widely distributed.

patriotic

Feeling, expressing, or inspired by love for one's country.

Not that these are incompatible virtues.

- Stewart G3YSX

Date: Mon, 16 Feb 2004 15:46:08 -0500 (EST)
From: <ah7i@atl.org>
To: <n2go@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168163] Re: Gimp?
Message-ID: <Pine.LNX.4.33.0402161544510.5632-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

transform tools, flip
-bob

On Mon, 16 Feb 2004 n2go@arrl.net wrote:

> I use Gimp to view and print .gif files. It is a linux program.
> I can scale and print pcb etching patterns well with it.
> Any ideas as to how I can print a mirror image of the pcb pattern?
> I don't think Gimp has that as an option unless I missed it.
>
> I could print the image on plastic clear sheet and then scan it at my
> office in reverse, then print it on blue film...
>
> I would like to skip that step....
>
> 73,
>
> Jim n2go
>

Date: Mon, 16 Feb 2004 16:34:29 -0500 (EST)
From: Norman Young <normany@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [168164] PSK Problem Update - Long
Message-ID: <11214385.1076967270490.JavaMail.root@wamui02.slb.atl.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, gang, A week or so ago, I posted an inquiry about a problem I was seeing in my waterfall display while running PSK with a TS520 and MFJ 1277T interface to a Pentium 133 MHz clone. I was seeing a series of vertical lines that would pop up

for a few seconds and then suddenly drop back out. When they appeared, I could not copy any signals. This did not happen at regular intervals, but it did happen frequently, and I could not correlate it to soundcard levels, strong stations, or anything else.

After receiving a number of excellent suggestions, I traced the problem back to either the computer or monitor. There was very intermittent 60 Hz spacing on the display, so AC was obviously the culprit. However, I did not make any attempt to isolate it any further since I did not have a spare monitor or desktop. I did, however, have a spare laptop, and I switched the interface over to that computer. The problem has disappeared, so that will be what I use from here on out to run PSK.

I also got responses from several folks who have experienced a similar problem and who were looking for assistance. So, as promised, I am sharing a summary of the suggestions I received. Names have been omitted for privacy reasons, but thanks to everyone who provided input.

1. One person suggested that I look at how far apart the lines were in frequency on the display. (I won't mention any names, but he is well known and well respected on this list, and justifiably so.) If 60 / 120 Hz, it would point to an interconnect problem- an open ground connection, for instance. He also suggested that my power supply could be introducing the noise. If the spacing was closer, i.e., 31 Hz, he suggested that it could be an indication of receiver overload, and that turning down the RF gain should affect the behavior. I don't know why it never occurred to me to think of looking at the spacing on the display, but it did not. Sometimes we can overlook the obvious.

2. Another person said that he had a similar problem and it was the soundcard connection. Whenever the ground connection between the interface and card was loose, the waterfall got filled with 50Hz spaced vertical bars (his electrical standard - 60Hz in the US). He also suggested monitoring the channel with Spectran or Argo.

3. Another suggested, "Turn off the soundcard (mute all the input and output of the card using the audio properties for playback and record. Then watch the screen. No bars after some time = probably a sound card issue. Then selectively unmute the inputs and outputs to see which one is the culprit and potential can stay muted and still use PSK."

4. Another suggested, "What you are seeing are harmonics from some source, either the sending station or from some other source." He also said that in the case of the 1275, it could be harmonics from the interface, based on some tests he had done. Certainly what I saw looked liked harmonics, but based on the spacing, I don't think that is what they were. In any case, the interface did not seem to be a part of my problem unless there was some sort of interaction between the interface and the particular computer I used at first.

5. Another suggested that it could be from the computer monitor. In my case, this is a good possibility. The monitor is a 10 year old SVGA. (Yes, I do tend to recycle a lot. Do it with ham stuff, too. I AM running a TS-520, after all!)

6. Other suggestions included:

a. Look for nearby low band transmitters keying on or off to see whether the PTT correlates with the interference.

b. Also look for devices that report back "home" (wherever that is) like smart gas or electric meters.

c. Swap antenna for a few feet of wire to rule out receiver overload as a culprit.

Again, these were some of the suggestions I got, and all contributed in getting me up and running on PSK. While I did not troubleshoot down to the exact component, I got as far as I needed to begin using PSK and learned something new in the process. This really is an amazing mode, and it is a real pleasure to see what can be done with it at QRP levels!

Thanks again to all who provided info! I hope this information proves useful to someone else.

72,
Norman
KA4PUV

Date: Mon, 16 Feb 2004 16:36:42 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [168165] OT: QRP set up at Hamfest?
Message-ID: <83.56e0b0e.2d6291ea@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

>From those that have set up a QRP booth at swapmeets /hamfests what did you find most effective? Trying to appeal to :

---hard core QRPers
---dabblers in QRP
---those that ask WHAT IS QRP?

We are having 3 QRP technical sessions and hopefully a few non-working

displays along with a few portable antennas. Did you provide handouts? Articles?

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Mon, 16 Feb 2004 15:37:02 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-1@lehigh.edu>
Subject: [168166] RE: [Elmer 160] PIC El Programming Problems
Message-ID: <001601c3f4d5\$04971f10\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin,>Pin 4 is rising and my meter (the Fluke mentioned above) is only able to
>record about 2.04V before FPP shows a failure and I guess resets MCLR to
>a lower voltage.
>The lowest I can go on the record time is 100ms and I think that it
>isn't enough time to get the full rise to 11.54V before FPP shuts it
>down.
>Just sitting at idle with FPP, and program switch set to on I get .724V
>on MCLR. By jumping across R27 (Nick Kennedy suggestion, thanks Nick)
>it drops to .07V. It still fails the program though.
I am now suspecting the zener diode. Perhaps you could pull it out and try the
PIC-EL without it. It is only there for
"protection" against a power supply that are much more than 13.8v. Looks like it is
time to take this offline. I think
we have run the course for debugging information that may be generally usable by
others. At last resort, I would be glad
to take a look at it.73,Craig, AA0ZZ

Date: Mon, 16 Feb 2004 15:16:25 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168167] Re: Gimp?
Message-ID: <Pine.LNX.4.44.0402161514120.7617-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Feb 2004 n2go@arrl.net wrote:

> I use Gimp to view and print .gif files. It is a linux program.
> I can scale and print pcb etching patterns well with it.
> Any ideas as to how I can print a mirror image of the pcb pattern?
> I don't think Gimp has that as an option unless I missed it.
>
> I could print the image on plastic clear sheet and then scan it at my
> office in reverse, then print it on blue film...
>
> I would like to skip that step....
>

On the image click with your right mouse button and run down to
tools and look for flip. This is a 180 degree rotation of your image and
yes, all lettering will read backwards.

> 73,
>
> Jim n2go
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 16 Feb 2004 16:11:08 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: "John A. Evans - N0HJ" <jaevans@codenet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168168] Re: morse makes the local news
Message-ID: <Pine.LNX.4.33.0402161609220.28215-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Feb 2004, John A. Evans - N0HJ wrote:

> One contrived example: big.boat@attbi.com - is that
> big.bo@atattbi.com or is it big.boat@attbi.com or is it big.boatat@tbi.com
> ?? Using the actual @sign prosign would eliminate that sort of confusion.

So would sending big.boat at attbi.com.

72,

Dale - n0xas

dale at botkin.org 8-)

--

It's a thankless job, but I've got a lot of Karma to burn off.

The NEW Super PicoKeyer offers speed control by pot OR menu!

Check <http://www.hamgadgets.com> for news.

Date: Mon, 16 Feb 2004 14:24:12 -0800

From: "john gabbard" <johngabbard@usintouch.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [168169] Interesting site

Message-ID: <007901c3f4db\$9cdb9fc0\$49861c0c@john>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi all, while searching with Google, I typed in mercury wetted relay, I want to replace the relay in my HW8....I got "Herbach and Redeman", they are surplus dealers.

Well I found a very nice relay to use and a ton of other stuff for all the home Brewers. Check out thier grab bag assortments for components of all sorts of the things we like.

Hey you guys, check it out I'm not kidding, you'll be glad you did. My mercury relay cost me only \$7.95. If you order less than \$25.00, it will cost you an extra \$5.00.

They have just about everything we use and then some! 73's and good luck John KF70M

Date: Mon, 16 Feb 2004 17:26:33 -0500

From: Jeff Davis <jeff@ke9v.net>

To: qrp-l@lehigh.edu

Subject: [168170] QRP ARCI Audio Files

Message-ID: <6.0.3.0.0.20040216172120.01d81ea0@mail.ke9v.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I haven't seen much feedback on the idea of providing some of the QRP ARCI

articles and features in audio format (<http://www.qrparci.org/arcimp3.html>).

My own 2 cents is that it's a good idea for those articles and features that don't require a lot of drawings, etc.

In fact, I'm surprised that there has never been a weekly, or bi-weekly audio news audio program produced by QRPers for QRPers ... something like Newsline but with a decided QRP slant.

I commute 2.5 hours a day and spend that time listening to MP3 audio of code practice, Newsline, ARRL News, This Week in Amateur Radio and anything else I can snag offline to help while the commute time away.

Sad to say, but I have more free time for "listening" (while I drive) than for "reading" each day.

--

72, Jeff

Date: Mon, 16 Feb 2004 18:29:45 -0400
From: Claudia & Reed Park <reedpark@nbnet.nb.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168171] PIC-EL spotted in Canada
Message-ID: <40314459.57B14FEE@nbnet.nb.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pardon me if I had already posted this, but I didn't see it.
PIC-EL's have been spotted in Canada. At least on the east coast where 3 of them are now being constructed. What a great kit they are. I doff my hat to those responsible.

7 3

Reed - VE1NU

Date: Mon, 16 Feb 2004 17:34:11 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [168172] Neat QRP site
Message-ID: <22.42fbee9c.2d629f63@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am probably one of the few who have not been to the KY-QRP site before this. I found it really interesting and in particular I loved the local competition for MPW and the QRP watt meter project:

<http://ourworld.cs.com/AF40I/ky-qrp.htm>

Nice job fellas

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
___ ___ ___ ___ DIT DIT

Date: Mon, 16 Feb 2004 16:43:30 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: jaevans@codenet.net
Cc: qrp-1@lehigh.edu
Subject: [168173] Re: morse makes the local news
Message-ID: <4030F332.29840.11E860A@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Another problem with simply using 'at' for the "@" in email addresses is the fact that, in languages other than english, "@" does NOT translate to 'at'. We here in the

States may find it easier, but it opens many possibilities for ambiguity in international traffic, not to mention the kind of ambiguities you mentioned.

--
Frank Emens
femens@hiwaay.net
Huntsville, Alabama

Date: Mon, 16 Feb 2004 16:44:11 -0600
From: "Pat Whelton" <pwhelton@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168174] Re: LogBook of the World
Message-ID: <009101c3f4de\$65476280\$8901a8c0@Earthlink.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wholeheartedly agree.

Pat - KZ5J
>I still prefer good old fashioned paper QSLs.
>
> John Harper AE5X

Date: Mon, 16 Feb 2004 17:59:11 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [168175] RE: LogBook of the World
Message-ID: <000801c3f4e0\$81fb7d60\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have 458 in eQSL with 24 confirmed.

>
>

Date: Mon, 16 Feb 2004 18:05:12 -0500
From: "Tim Kass" <timkass@hotmail.com>
To: johngabbard@usintouch.com, qrp-l@Lehigh.EDU
Subject: [168176] RE: Interesting site
Message-ID: <BAY2-F37MUrDRd1B9du0002054f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

And that URL is <http://www.herbach.com/> Redeman should have been Rademan
73 TK K8WBL

>From: "john gabbard" <johngabbard@usintouch.com>
>Reply-To: johngabbard@usintouch.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Interesting site

>Date: Mon, 16 Feb 2004 14:24:12 -0800

>

>Hi all, while searching with Google,I typed in mercury wetted relay, I
>want

>to replace the relay in my HW8....I got "Herbach and Redeman", they are
>surplus dealers.

> Well I found a very nice relay to use and a ton of other stuff for all
>the home Brewers. Check out thier grab bag assortments for components of
>all sorts of the things we like.

> Hey you guys,check it out I'm not kidding, you'll be glad you did. My
>mercury relay cost me only \$7.95. If you order less than \$25.00, it will
>cost you an extra \$5.00.

> They have just about everything we use and then some! 73's and
>good luck John KF7OM

>

>

No trees were killed in the sending of this message. However, a large number
of electrons were terribly inconvenienced.

Keep up with high-tech trends here at "Hook'd on Technology."

<http://special.msn.com/msnbc/hookedontech.armx>

Date: Mon, 16 Feb 2004 18:14:19 -0500

From: "Lee Mairs" <lairs@direcway.com>

To: <cbjohns@cbjohns.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [168177] Re: [Elmer 160] PIC El Programming Problems

Message-ID: <035201c3f4e2\$9ae28ab0\$2202a8c0@J4>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Please don't take this off line. It is fascinating. Much more so than
LOTW...

73 de Lee

km4yy/8

----- Original Message -----

From: "Craig Johnson" <cbjohns@cbjohns.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, February 16, 2004 4:37 PM

Subject: RE: [Elmer 160] PIC El Programming Problems

> Kevin,>Pin 4 is rising and my meter (the Fluke mentioned above) is only
> able to
> >record about 2.04V before FPP shows a failure and I guess resets MCLR to
> >a lower voltage.
> >The lowest I can go on the record time is 100ms and I think that it
> >isn't enough time to get the full rise to 11.54V before FPP shuts it
> >down.
> >Just sitting at idle with FPP, and program switch set to on I get .724V
> >on MCLR. By jumping across R27 (Nick Kennedy suggestion, thanks Nick)
> >it drops to .07V. It still fails the program though.
> I am now suspecting the zener diode. Perhaps you could pull it out and
> try the PIC-EL without it. It is only there for
> "protection" against a power supply that are much more than 13.8v. Looks
> like it is time to take this offline. I think
> we have run the course for debugging information that may be generally
> usable by others. At last resort, I would be glad
> to take a look at it.73,Craig, AA0ZZ
>
>
>

End of QRP-L Digest 3198

